CLEARPEAKS
Business Intelligence Solutions & Services

Technical Design

HR and Management Dashboard

mbc

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1 Document Details

1.1 Revision History

Version	Date	Document Changes	Author
0.1	July 29, 2016	First version, including Finance and Procurement areas	Iñigo Hernáez
0.2	August 29, 2016	Added missing elements from Finance and Procurement	Ather Shaikh
0.3	November 25, 2016	Updated logic changes from Finance and Procurement	Iñigo Hernáez
0.4	November 25, 2016	Included elements of HR area	Ather Shaikh
0.5	November 29, 2016	Included elements of HR area	Ather Shaikh
0.6	November 29, 2016	Updated logic changes from HR area	Ather Shaikh
0.7	December 13, 2016	Included missing elements and updated RPD model	Ather Shaikh
1.0	December 14, 2016	Release version	Iñigo Hernáez

1.2 Approvals

Role	Name	Title	Signature	Date
Project Manager (ClearPeaks)	Iñigo Hernáez	BI Consultant		
Project Sponsor (MBC)	Aissam Drai	ERP Manager		

2 Contents

3 Introduction

The objective of this document is to summarize the technical design of the HR and Management Dashboard project developed for MBC.

This project uses the Oracle BI Applications (OBIA) technology as the backbone of the development. This technology provides a set of prebuilt elements that cover the end-to-end of the BI system, this the ETL, the DWH and the OBIEE dashboards.

Therefore, the document is focused on describing the customizations applied to OBIA. The customizations can be applied by modifying the out-of-the-box (OOTB) elements or by adding new custom objects added on top of them.

In the following points, we cover all the applied customizations, focusing on the ETL/DWH design and on the RPD/Front-End design.

4 ETL and DWH Design

This section describes the main components of the ETL process, focusing on the customisations applied to the Oracle BI Applications (OBIA) framework Out-of-the-box (OOTB) components.

The following components are analysed:

- Custom source and lookup views
- Custom source tables
- Customised OOTB tables (new columns added)
- Custom tables created

Custom Source and Lookup Views

Custom views created in EBS as sources or lookups for the project.

4.1.1 XXHR_EMPLOYEE_SME_V

```
CREATE OR REPLACE VIEW XXHR_EMPLOYEE_SME_V
AS
  SELECT PER.PERSON_ID,
    MIN(ANA.DATE_FROM) SME_DATE_FROM,
    listagg(CRI.SEGMENT1, ',') within GROUP (
  ORDER BY PER.PERSON_ID) AS SME_AREA
  FROM PER_ALL_PEOPLE_F PER,
    PER_PERSON_ANALYSES ANA,
    PER_ANALYSIS_CRITERIA CRI
  WHERE ANA.PERSON_ID          = PER.PERSON_ID
  AND ANA.ANALYSIS_CRITERIA_ID = CRI.ANALYSIS_CRITERIA_ID
  AND ANA.ID_FLEX_NUM       =50669
  AND sysdate BETWEEN PER.effective_start_date AND PER.effective_end_date
  AND sysdate                >= ANA.DATE_FROM
  AND PER.CURRENT_EMPLOYEE_FLAG ='Y'
  AND CRI.ENABLED_FLAG       = 'Y'
  GROUP BY PER.PERSON_ID;
```

4.1.2 XXHR_EMPLOYEE_NATIONALITY_V

```
CREATE OR REPLACE VIEW XXHR_EMPLOYEE_NATIONALITY_V
AS
SELECT PER.PERSON_ID,
       PER.EFFECTIVE_START_DATE,
       PER.EFFECTIVE_END_DATE,
       PER.BUSINESS_GROUP_ID,
       PER.FULL_NAME,
       DECODE (PER.BUSINESS_GROUP_ID,
                81, NA_81.MEANING,
                638, NA_638.MEANING,
                169, NA_169.MEANING,
                NA_ELS.MEANING)
         NATIONALITY
FROM   PER_ALL_PEOPLE_F PER,
       hr_lookups NA_81,
       fnd_lookup_values_vl NA_638,
       fnd_lookup_values_vl NA_169,
       hr_lookups NA_ELS
WHERE  NA_81.lookup_type(+) = 'AE_NATIONALITY'
       AND NA_81.lookup_code(+) = PER.PER_INFORMATION18
       AND NA_638.lookup_type(+) = 'NATIONALITY'
       AND NA_638.lookup_code(+) = PER.NATIONALITY
       AND NA_169.lookup_type(+) = 'NATIONALITY'
       AND NA_169.lookup_code(+) = PER.NATIONALITY
       AND NA_ELS.lookup_type(+) = 'NATIONALITY'
       AND NA_ELS.lookup_code(+) = PER.NATIONALITY;
```

4.1.3 XXHR_PERSON_TYPES_LOOKUP_V

```
CREATE OR REPLACE VIEW XXHR_PERSON_TYPES_LKP_V
AS
  select person_id, effective_start_date, effective_end_date
  ,listagg(user_person_type, ',') within group (order by user_person_type) as concat_person_types
  ,max(APPLICANT_FLG) APPLICANT_FLG
  ,max(CANDIDATE_FLG) CANDIDATE_FLG
  ,max(EX_APPLICANT_FLG) EX_APPLICANT_FLG
  ,max(REGULAR_EMPLOYEE_FLG) REGULAR_EMPLOYEE_FLG
  ,max(CONSULTANT_FLG) CONSULTANT_FLG
  ,max(FREELANCER_FLG) FREELANCER_FLG
  ,max(SERVICE_AGREEMENT_FLG) SERVICE_AGREEMENT_FLG
  ,max(INT_OPS_FLG) INT_OPS_FLG
  ,max(RETAINER_FLG) RETAINER_FLG
  ,max(RETAINER_STORY_FLG) RETAINER_STORY_FLG
  ,max(CHAIRMAN_FLG) CHAIRMAN_FLG
  ,max(EX_EMPLOYEE_FLG) EX_EMPLOYEE_FLG
from
  (select distinct
    papf.person_id
    ,greatest(papf.effective_start_date, paaf.effective_start_date, aux.effective_start_date) effective_start_date
    ,least(papf.effective_end_date, paaf.effective_end_date, aux.effective_end_date) effective_end_date
    ,aux.user_person_type
    ,aux.APPLICANT_FLG
    ,aux.CANDIDATE_FLG
    ,aux.EX_APPLICANT_FLG
    ,aux.REGULAR_EMPLOYEE_FLG
    ,aux.CONSULTANT_FLG
    ,aux.FREELANCER_FLG
    ,aux.SERVICE_AGREEMENT_FLG
    ,aux.INT_OPS_FLG
    ,aux.RETAINER_FLG
    ,aux.RETAINER_STORY_FLG
    ,aux.CHAIRMAN_FLG
    ,aux.EX_EMPLOYEE_FLG
  from
    per_all_assignments_f paaf
    ,per_all_people_f papf
    ,(select pptu.person_id, pptu.effective_start_date, pptu.effective_end_date, ppt.user_person_type
      ,case when lower(user_person_type) in ('applicant', 'applicant and ex-applicant', 'employee and applicant', 'ex-employee and
applicant') then 1 else 0 end APPLICANT_FLG
      ,case when lower(user_person_type) in ('candidate',   'irecruitment registered user') then 1 else 0 end CANDIDATE_FLG
      ,case when lower(user_person_type) in ('ex-applicant', 'applicant and ex-applicant') then 1 else 0 end EX_APPLICANT_FLG
      ,case when lower(user_person_type) in ('regular employee') then 1 else 0 end REGULAR_EMPLOYEE_FLG
      ,case when lower(user_person_type) in ('consultants') then 1 else 0 end CONSULTANT_FLG
      ,case when lower(user_person_type) in ('freelancer') then 1 else 0 end FREELANCER_FLG
      ,case when lower(user_person_type) in ('service agreement') then 1 else 0 end SERVICE_AGREEMENT_FLG
      ,case when lower(user_person_type) in ('international operations') then 1 else 0 end INT_OPS_FLG
      ,case when lower(user_person_type) in ('retainer',    'retainers') then 1 else 0 end RETAINER_FLG
      ,case when lower(user_person_type) in ('retainer per story') then 1 else 0 end RETAINER_STORY_FLG
      ,case when lower(user_person_type) in ('chairman residence',    'chairman-agi-no payment') then 1 else 0 end CHAIRMAN_FLG
      ,case when lower(user_person_type) in ('ex-employee', 'ex-employee and applicant',  'retiree') then 1 else 0 end
EX_EMPLOYEE_FLG
    from
      per_person_type_usages_f pptu
      ,per_person_types ppt
    where
      pptu.person_type_id = ppt.person_type_id
      and ppt.active_flag='Y') aux
  where
    paaf.assignment_type in ('E', 'C', 'A')
    and paaf.person_id = papf.person_id
    and papf.person_id = aux.person_id
    ---
    and (paaf.effective_start_date >= papf.effective_start_date and paaf.effective_start_date < papf.effective_end_date
      or papf.effective_start_date >= paaf.effective_start_date and papf.effective_start_date < paaf.effective_end_date)
    ---
    and (paaf.effective_start_date >= aux.effective_start_date and paaf.effective_start_date < aux.effective_end_date
      or aux.effective_start_date >= paaf.effective_start_date and aux.effective_start_date < paaf.effective_end_date)
    ---
    and (papf.effective_start_date >= aux.effective_start_date and papf.effective_start_date < aux.effective_end_date
      or aux.effective_start_date >= papf.effective_start_date and aux.effective_start_date < papf.effective_end_date)
  ) aux2
group by person_id, effective_start_date, effective_end_date;
```

4.1.4 XXHR_BUSINESS_UNIT_V

```
CREATE OR REPLACE VIEW XXHR_BUSINESS_UNIT_V
AS
  SELECT
    HOU.ORGANIZATION_ID BUSINESS_UNIT_ID,
    HOU.NAME BUSINESS_UNIT_NAME,
    HOU.DATE_FROM,
    HOU.DATE_TO,
    HOU.LAST_UPDATE_DATE,
    HOU.LAST_UPDATED_BY,
    HOU.LAST_UPDATE_LOGIN,
    HOU.CREATED_BY,
    HOU.CREATION_DATE
  FROM
    HR_ALL_ORGANIZATION_UNITS HOU
  WHERE 1=1
    AND HOU.ORGANIZATION_ID = HOU.BUSINESS_GROUP_ID;
```

4.1.5 XXHR_DIRECTORATE_V

```
CREATE OR REPLACE VIEW XXHR_DIRECTORATE_V
AS
  SELECT    B.FLEX_VALUE_ID DIRECTORATE_ID,
            B.FLEX_VALUE    DIRECTORATE_NAME,
            B.FLEX_VALUE_SET_ID,
            B.LAST_UPDATE_DATE,
            B.LAST_UPDATED_BY,
            B.CREATION_DATE,
            B.CREATED_BY,
            B.LAST_UPDATE_LOGIN,
            B.ENABLED_FLAG,
            NVL(B.START_DATE_ACTIVE,TO_DATE('01-Jan-1950','DD-Mon-RRRR'))
START_DATE_ACTIVE,
            NVL(B.END_DATE_ACTIVE,TO_DATE('31-Dec-4712','DD-Mon-RRRR'))
END_DATE_ACTIVE,
            T.FLEX_VALUE_MEANING DIRECTORATE_MEANING,
            T.DESCRIPTION        DIRECTORATE_DESCRIPTION
     FROM   FND_FLEX_VALUES_TL T,
            FND_FLEX_VALUES B,
            FND_FLEX_VALUE_SETS vl
    WHERE   B.FLEX_VALUE_ID = T.FLEX_VALUE_ID
        AND vl.FLEX_VALUE_SET_ID =B.FLEX_VALUE_SET_ID
        AND vl.FLEX_VALUE_SET_NAME ='MBC Directorate'
        AND T.LANGUAGE='US';
```

4.1.6 XXHR_DEPARTMENT_V

```
CREATE OR REPLACE VIEW XXHR_DEPARTMENT_V
AS
  SELECT
    HOU.ORGANIZATION_ID DEPARTMENT_ID,
    HOU.NAME DEPARTMENT_NAME,
    PCAK.SEGMENT2 COST_ALLOCATION_SEG2,
    HOU.BUSINESS_GROUP_ID BUSINESS_UNIT_ID,
    HOU.DATE_FROM,
    HOU.DATE_TO,
    HOU.LAST_UPDATE_DATE,
    HOU.LAST_UPDATED_BY,
    HOU.LAST_UPDATE_LOGIN,
    HOU.CREATED_BY,
    HOU.CREATION_DATE
  FROM
    HR_ALL_ORGANIZATION_UNITS HOU,
    HR_ORGANIZATION_INFORMATION HOI,
    PAY_COST_ALLOCATION_KEYFLEX PCAK
  WHERE 1=1
    AND HOU.ORGANIZATION_ID = HOI.ORGANIZATION_ID
    AND HOI.ORG_INFORMATION1 = 'HR_ORG'
    AND HOU.COST_ALLOCATION_KEYFLEX_ID = PCAK.COST_ALLOCATION_KEYFLEX_ID;
```

4.1.7 XXHR_DIVISION_V

```
CREATE OR REPLACE FORCE VIEW XXHR_DIVISION_V
AS
  SELECT    B.FLEX_VALUE_ID DIVISION_ID,
            B.FLEX_VALUE    DIVISION_NAME,
            B.FLEX_VALUE_SET_ID,
            B.LAST_UPDATE_DATE,
            B.LAST_UPDATED_BY,
            B.CREATION_DATE,
            B.CREATED_BY,
            B.LAST_UPDATE_LOGIN,
            B.ENABLED_FLAG,
            NVL(B.START_DATE_ACTIVE,TO_DATE('01-Jan-1950','DD-Mon-RRRR'))
START_DATE_ACTIVE,
            NVL(B.END_DATE_ACTIVE,TO_DATE('31-Dec-4712','DD-Mon-RRRR'))
END_DATE_ACTIVE,
            T.FLEX_VALUE_MEANING DIVISION_MEANING,
            T.DESCRIPTION        DIVISION_DESCRIPTION
     FROM   FND_FLEX_VALUES_TL T,
            FND_FLEX_VALUES B,
            FND_FLEX_VALUE_SETS vl
    WHERE   B.FLEX_VALUE_ID = T.FLEX_VALUE_ID
        AND vl.FLEX_VALUE_SET_ID =B.FLEX_VALUE_SET_ID
        AND vl.FLEX_VALUE_SET_NAME ='MBC Division'
        AND T.LANGUAGE='US';
```

4.1.8 XXHR_ORG_HIER_LKP_V

```
CREATE OR REPLACE VIEW XXHR_ORG_HIER_LKP_V
AS
  SELECT
    BSG.ORGANIZATION_ID BUSINESS_GROUP_ID,
    BSG.NAME BUSINESS_GROUP_NAME,
    DIR.FLEX_VALUE_ID DIRECTORATE_ID,
    DIR.FLEX_VALUE DIRECTORATE_NAME,
    DEP.ORGANIZATION_ID DEPARTMENT_ID,
    DEP.NAME DEPARTMENT_NAME,
    DIV.FLEX_VALUE_ID DIVISION_ID,
    DIV.FLEX_VALUE DIVISION_NAME,
    MIN(PAAF.EFFECTIVE_START_DATE) MIN_ASSIGN_START_DATE,
    MAX(PAAF.EFFECTIVE_END_DATE) MAX_ASSIGN_END_DATE,
    COUNT(DISTINCT PAAF.PERSON_ID) PERSON_COUNT
  FROM
    PER_ALL_ASSIGNMENTS_F PAAF,
    PAY_PEOPLE_GROUPS PPG,
    PER_BUSINESS_GROUPS BSG,
    (SELECT FLEX_VALUE_ID, FLEX_VALUE
    FROM FND_FLEX_VALUES
    WHERE FLEX_VALUE_SET_ID = '1013440') DIR,
    HR_ORGANIZATION_UNITS DEP,
    (SELECT FLEX_VALUE_ID, FLEX_VALUE
    FROM FND_FLEX_VALUES
    WHERE FLEX_VALUE_SET_ID = '1013443') DIV
  WHERE 1=1
    AND PAAF.BUSINESS_GROUP_ID = BSG.BUSINESS_GROUP_ID
    AND PAAF.PEOPLE_GROUP_ID = PPG.PEOPLE_GROUP_ID
    AND PPG.SEGMENT1 = DIR.FLEX_VALUE
    AND PAAF.ORGANIZATION_ID = DEP.ORGANIZATION_ID
    AND PPG.SEGMENT4 = DIV.FLEX_VALUE
  GROUP BY
    BSG.ORGANIZATION_ID, BSG.NAME, DIR.FLEX_VALUE_ID, DIR.FLEX_VALUE,
    DEP.ORGANIZATION_ID, DEP.NAME, DIV.FLEX_VALUE_ID, DIV.FLEX_VALUE
  ORDER BY 2, 4, 6, 8;
```

4.1.9 XXHR_COMPANY_V

```
CREATE OR REPLACE VIEW XXHR_COMPANY_V
AS
  SELECT
    COALESCE(TO_NUMBER(HR.LOOKUP_CODE), FIN.FLEX_VALUE_ID) COMPANY_ID,
    TRIM(COALESCE(HR.MEANING, FIN.DESCRIPTION)) COMPANY_NAME,
    TRIM(COALESCE(HR.DESCRIPTION, FIN.FLEX_VALUE)) COMPANY_CODE,
    CASE WHEN HR.LOOKUP_CODE IS NOT NULL THEN -1 ELSE FIN.FLEX_VALUE_SET_ID END
FLEX_VALUE_SET_ID,
    COALESCE(HR.LAST_UPDATE_DATE, FIN.LAST_UPDATE_DATE) LAST_UPDATE_DATE,
    COALESCE(HR.LAST_UPDATED_BY, FIN.LAST_UPDATED_BY) LAST_UPDATED_BY,
    COALESCE(HR.CREATION_DATE, FIN.CREATION_DATE) CREATION_DATE,
    COALESCE(HR.CREATED_BY, FIN.CREATED_BY) CREATED_BY,
    COALESCE(HR.LAST_UPDATE_LOGIN, FIN.LAST_UPDATE_LOGIN) LAST_UPDATE_LOGIN,
    COALESCE(HR.ENABLED_FLAG, FIN.ENABLED_FLAG) ENABLED_FLAG,
    COALESCE(HR.START_DATE_ACTIVE, FIN.START_DATE_ACTIVE, TO_DATE ('01-Jan-
1950', 'DD-Mon-RRRR')) START_DATE_ACTIVE,
    COALESCE(HR.END_DATE_ACTIVE, FIN.END_DATE_ACTIVE, TO_DATE ('31-Dec-4712',
'DD-Mon-RRRR')) END_DATE_ACTIVE,
    COALESCE(HR.MEANING, FIN.DESCRIPTION) DIVISION_MEANING
  FROM
    (SELECT *
    FROM FND_LOOKUP_VALUES
    WHERE LOOKUP_TYPE = 'MBC COMPANY' AND LANGUAGE = 'US') HR
    FULL OUTER JOIN
      (SELECT FFV.*, FFVT.DESCRIPTION
      FROM FND_FLEX_VALUES FFV
        JOIN FND_FLEX_VALUES_TL FFVT ON FFV.FLEX_VALUE_ID = FFVT.FLEX_VALUE_ID
      WHERE FFV.FLEX_VALUE_SET_ID = '1013428' AND FFVT.LANGUAGE = 'US') FIN
    ON TRIM(HR.DESCRIPTION) = TRIM(FIN.FLEX_VALUE)
  WHERE TRIM(COALESCE(HR.DESCRIPTION, FIN.FLEX_VALUE)) NOT IN ('000', 'T');
```

4.1.10 XXHR_WRK_COMPANY_V

```
CREATE OR REPLACE FORCE VIEW XXHR_WRK_COMPANY_V
AS
  SELECT B.FLEX_VALUE_ID WRK_COMPANY_ID,
    B.FLEX_VALUE WRK_COMPANY_NAME,
    B.FLEX_VALUE_SET_ID,
    B.LAST_UPDATE_DATE,
    B.LAST_UPDATED_BY,
    B.CREATION_DATE,
    B.CREATED_BY,
    B.LAST_UPDATE_LOGIN,
    B.ENABLED_FLAG,
    NVL(B.START_DATE_ACTIVE,TO_DATE('01-JAN-1950','DD-MON-RRRR'))
START_DATE_ACTIVE,
    NVL(B.END_DATE_ACTIVE,TO_DATE('31-DEC-4712','DD-MON-RRRR'))
END_DATE_ACTIVE,
    T.FLEX_VALUE_MEANING WRK_COMPANY_MEANING,
    T.DESCRIPTION WRK_COMPANY_DESCRIPTION
  FROM FND_FLEX_VALUES_TL T, FND_FLEX_VALUES B, FND_FLEX_VALUE_SETS VL
  WHERE B.FLEX_VALUE_ID       = T.FLEX_VALUE_ID
  AND VL.FLEX_VALUE_SET_ID    =B.FLEX_VALUE_SET_ID
  AND VL.FLEX_VALUE_SET_NAME ='MBC WCOMPANY'
  AND T.LANGUAGE              ='US';
```

4.1.11 XXHR_TRAVEL_COST_V

```
CREATE OR REPLACE VIEW XXHR_TRAVEL_COST_V AS
SELECT
HD.PERSON_ID,
PAAF.VACANCY_ID,
SUM(TKT.TICKET_COST) TICKET_COST,
SUM(TKT.AMED_COST) AMED_COST,
SUM(HTL.ACTUAL_COST) HOTEL_COST,
SUM(VSA.VISA_COST) VISA_COST
FROM
XXFIN_TRAVEL_FORM_HEADERS HD
INNER JOIN PER_ALL_ASSIGNMENTS_F PAAF ON PAAF.PERSON_ID = HD.PERSON_ID
LEFT OUTER JOIN XXFIN_TRAVEL_FORM_TICKETS TKT ON TKT.TRAVEL_FORM_ID =
HD.TRAVEL_FORM_ID
LEFT OUTER JOIN XXFIN_TRAVEL_FORM_HOTELS HTL ON HTL.TRAVEL_FORM_ID =
HD.TRAVEL_FORM_ID
LEFT OUTER JOIN XXFIN_TRAVEL_FORM_VISAS VSA ON VSA.TRAVEL_FORM_ID =
HD.TRAVEL_FORM_ID
GROUP BY HD.PERSON_ID, PAAF.VACANCY_ID;
```

4.1.12 XXHR_OVERTIME_PROJECT_V

```
CREATE OR REPLACE FORCE VIEW XXHR_OVERTIME_PROJECT_V
AS
with xxproj as
  (select CAST(MAX(project_id) AS VARCHAR2(80)) project_id, description, org_id
  from pa_projects_all
  group by description, org_id
  UNION ALL
  select 'XXPA' || MAX(project_id) project_id, project_number description,
org_id
  from xxpa_projects_all
  group by project_number, org_id)
select xxproj.project_id, xxproj.description program_code, xxproj.org_id,
xxreq.person_id, xxreq.ABSENCE_ATTENDANCE_ID, xxreq.OT_REQUEST_ID
from xxproj
  inner join xxot_request xxreq on xxreq.org_id = xxproj.org_id and
xxreq.programme_code = xxproj.description;
```

4.1.13 XXHR_ EMP_DAILY_ATTEND_V

```
CREATE OR REPLACE FORCE VIEW XXHR_EMP_DAILY_ATTEND_V
AS
SELECT * FROM XXHR_EMP_DAILY_ATTEND;
```

4.1.14 XXMBC_BI_PNDNG_LV_RQST

```sql
CREATE OR REPLACE FORCE VIEW XXMBC_BI_PNDNG_LV_RQST
AS
  SELECT XX_API.CREATOR_PERSON_ID,
    TO_DATE(EXTRACTVALUE(VALUE(XX_ROW),
'/PERABSENCEATTENDANCESEOROW/DATESTART'),'YYYY-MM-DD') START_DATE,
    TO_DATE(EXTRACTVALUE(VALUE(XX_ROW),
'/PERABSENCEATTENDANCESEOROW/DATEEND'),'YYYY-MM-DD') END_DATE,
    EXTRACTVALUE(VALUE(XX_ROW),
'/PERABSENCEATTENDANCESEOROW/ABSENCEATTENDANCETYPEID')
ABSENCE_ATTENDANCE_TYPE_ID,
    DECODE(XX_API.STATUS,'E','IN ERROR','PENDING') STATUS,
    XX_API.CREATION_DATE APPLIED_DATE,
    XX_API.TRANSACTION_ID,
    XX_API.ITEM_KEY,
    PW.PENDING_WITH_PERSON_ID
  FROM HR_API_TRANSACTIONS XX_API,
    TABLE(XMLSEQUENCE(EXTRACT(XMLPARSE(DOCUMENT XX_API.TRANSACTION_DOCUMENT
WELLFORMED), '/TRANSACTION/TRANSCACHE/AM/TXN/EO/PERABSENCEATTENDANCESEOROW')))
XX_ROW,
    (SELECT WFN.ITEM_KEY,
      WFN.TO_USER PENDING_WITH_GLOBAL_NAME,
      PAPF.PERSON_ID PENDING_WITH_PERSON_ID
    FROM WF_NOTIFICATIONS WFN,
      FND_USER USR,
      PER_ALL_PEOPLE_F PAPF
    WHERE WFN.MESSAGE_TYPE='HRSSA'
    AND WFN.END_DATE     IS NULL
    AND WFN.SUBJECT NOT LIKE '%FORWARDED%'
    AND WFN.RECIPIENT_ROLE = USR.USER_NAME
    AND USR.EMPLOYEE_ID    = PAPF.PERSON_ID
    ) PW
  WHERE XX_API.PROCESS_NAME                                     =
'MBC_LOA_GENERIC_APPROVAL_PRC'
  AND EXTRACTVALUE(VALUE(XX_ROW), '/PERABSENCEATTENDANCESEOROW/DATESTART') IS
NOT NULL
  AND EXTRACTVALUE(VALUE(XX_ROW), '/PERABSENCEATTENDANCESEOROW/DATEEND')   IS
NOT NULL
  AND XX_API.STATUS                                             IN
('Y','E')
  AND TRUNC(XX_API.CREATION_DATE)                              >=
TO_DATE('01-JAN-2012','DD-MON-YYYY')
  AND PW.ITEM_KEY                                               =
XX_API.ITEM_KEY;
```

4.1.15 XXPAY_PEOPLE_GROUPS_IDS

```
CREATE OR REPLACE FORCE VIEW XXPAY_PEOPLE_GROUPS_IDS
AS
  SELECT PG.PEOPLE_GROUP_ID,
    PG.GROUP_NAME,
    PG.ENABLED_FLAG,
    DIR.DIRECTORATE_ID,
    DIR.DIRECTORATE_NAME,
    DIR.START_DATE_ACTIVE START_DATE_ACTIVE_DIR,
    DIR.END_DATE_ACTIVE END_DATE_ACTIVE_DIR,
    WC.WRK_COMPANY_ID,
    WC.WRK_COMPANY_NAME,
    WC.START_DATE_ACTIVE START_DATE_ACTIVE_WC,
    WC.END_DATE_ACTIVE END_DATE_ACTIVE_WC,
    COM.COMPANY_ID,
    COM.COMPANY_NAME,
    COM.START_DATE_ACTIVE START_DATE_ACTIVE_COM,
    COM.END_DATE_ACTIVE END_DATE_ACTIVE_COM,
    DIV.DIVISION_ID,
    DIV.DIVISION_NAME,
    DIV.START_DATE_ACTIVE START_DATE_ACTIVE_DIV,
    DIV.END_DATE_ACTIVE END_DATE_ACTIVE_DIV
  FROM PAY_PEOPLE_GROUPS PG,
    XXHR_DIRECTORATE_V DIR,
    XXHR_WRK_COMPANY_V WC,
    XXHR_COMPANY_V COM,
    XXHR_DIVISION_V DIV
  WHERE DIR.DIRECTORATE_NAME(+) = PG.SEGMENT1
  AND WC.WRK_COMPANY_NAME(+)    = PG.SEGMENT2
  AND COM.COMPANY_NAME(+)       = PG.SEGMENT3
  AND DIV.DIVISION_NAME(+)      = PG.SEGMENT4;
```

4.1.16 XXHR_OPUNIT_BUSGRP_LKP_V

```
CREATE OR REPLACE FORCE VIEW XXHR_OPUNIT_BUSGRP_LKP_V
AS
  SELECT DISTINCT BG.BUSINESS_GROUP_ID BUSINESS_GROUP_ID,
    BG.NAME BUSINESS_GROUP_NAME,
    OU.ORGANIZATION_ID OPERATING_UNIT_ID,
    OU.NAME OPERATING_UNIT_NAME
  FROM HR_OPERATING_UNITS OU,
    HR_ORGANIZATION_UNITS BG
  WHERE OU.BUSINESS_GROUP_ID = BG.ORGANIZATION_ID;
```

4.1.17 XXHR_ORG_HIER_LKP_V

```
CREATE OR REPLACE FORCE VIEW XXHR_ORG_HIER_LKP_V
AS
  SELECT COALESCE(HR.BUSINESS_GROUP_ID, FIN.BUSINESS_GROUP_ID) BUSINESS_GROUP_ID,
    COALESCE(HR.BUSINESS_GROUP_NAME, FIN.BUSINESS_GROUP_NAME) BUSINESS_GROUP_NAME,
    COALESCE(HR.DIRECTORATE_ID, FIN.DIRECTORATE_ID) DIRECTORATE_ID,
    COALESCE(HR.DIRECTORATE_NAME, FIN.DIRECTORATE_NAME) DIRECTORATE_NAME,
    COALESCE(HR.DEPARTMENT_ID, FIN.DEPARTMENT_ID) DEPARTMENT_ID,
    COALESCE(HR.DEPARTMENT_NAME, FIN.DEPARTMENT_NAME) DEPARTMENT_NAME,
    COALESCE(HR.DIVISION_ID, FIN.DIVISION_ID) DIVISION_ID,
    COALESCE(HR.DIVISION_NAME, FIN.DIVISION_NAME) DIVISION_NAME,
    COALESCE(HR.MIN_ASSIGN_START_DATE, FIN.MIN_ASSIGN_START_DATE) MIN_ASSIGN_START_DATE,
    COALESCE(HR.MAX_ASSIGN_END_DATE, FIN.MAX_ASSIGN_END_DATE) MAX_ASSIGN_END_DATE,
    COALESCE(HR.PERSON_COUNT, FIN.PERSON_COUNT) PERSON_COUNT
  FROM
    (SELECT BSG.ORGANIZATION_ID BUSINESS_GROUP_ID,
      BSG.NAME BUSINESS_GROUP_NAME, DIR.FLEX_VALUE_ID DIRECTORATE_ID,
      DIR.FLEX_VALUE DIRECTORATE_NAME, DEP.ORGANIZATION_ID DEPARTMENT_ID,
      DEP.NAME DEPARTMENT_NAME, DIV.FLEX_VALUE_ID DIVISION_ID,
      DIV.FLEX_VALUE DIVISION_NAME, MIN(PAAF.EFFECTIVE_START_DATE) MIN_ASSIGN_START_DATE,
MAX(PAAF.EFFECTIVE_END_DATE) MAX_ASSIGN_END_DATE,
      COUNT(DISTINCT PAAF.PERSON_ID) PERSON_COUNT
    FROM PER_ALL_ASSIGNMENTS_F PAAF, PER_ALL_PEOPLE_F PAPF, PER_ASSIGNMENT_STATUS_TYPES PAST,
PAY_PEOPLE_GROUPS PPG,      PER_BUSINESS_GROUPS BSG, (SELECT FLEX_VALUE_ID, FLEX_VALUE FROM
FND_FLEX_VALUES
      WHERE FLEX_VALUE_SET_ID = '1013440') DIR, HR_ORGANIZATION_UNITS DEP,
      (SELECT FLEX_VALUE_ID, FEX_VALUE  FROM FND_FLEX_VALUES
      WHERE FLEX_VALUE_SET_ID = '1013443') DIV
    WHERE 1                             =1
    AND PAAF.PERSON_ID                  = PAPF.PERSON_ID
    AND PAAF.ASSIGNMENT_STATUS_TYPE_ID = PAST.ASSIGNMENT_STATUS_TYPE_ID
    AND PAAF.BUSINESS_GROUP_ID          = BSG.BUSINESS_GROUP_ID
    AND PAAF.PEOPLE_GROUP_ID            = PPG.PEOPLE_GROUP_ID
    AND PPG.SEGMENT1                    = DIR.FLEX_VALUE
    AND PAAF.ORGANIZATION_ID            = DEP.ORGANIZATION_ID
    AND PPG.SEGMENT4                    = DIV.FLEX_VALUE
    AND PAPF.CURRENT_EMPLOYEE_FLAG      = 'Y'
    AND PAST.USER_STATUS                != 'TERMINATE ASSIGNMENT'
    GROUP BY BSG.ORGANIZATION_ID, BSG.NAME, DIR.FLEX_VALUE_ID, DIR.FLEX_VALUE,
      DEP.ORGANIZATION_ID, DEP.NAME, DIV.FLEX_VALUE_ID, DIV.FLEX_VALUE) HR
  FULL OUTER JOIN
    (SELECT DISTINCT BULKP.BUSINESS_GROUP_ID BUSINESS_GROUP_ID,
      BULKP.BUSINESS_GROUP_NAME BUSINESS_GROUP_NAME,
      DIRV.DIRECTORATE_ID DIRECTORATE_ID,
      DIRV.DIRECTORATE_NAME DIRECTORATE_NAME,
      DEP.DEPARTMENT_ID DEPARTMENT_ID,
      DEP.DEPARTMENT_NAME DEPARTMENT_NAME,
      0 DIVISION_ID,
      'UNSPECIFIED' DIVISION_NAME,
      DIRLKP.EFFECTIVE_START_DATE MIN_ASSIGN_START_DATE,
      DIRLKP.EFFECTIVE_END_DATE MAX_ASSIGN_END_DATE,
      0 PERSON_COUNT
    FROM XXHR_SEGMNT_DIRECTORATE_LKP_VM DIRLKP,
      XXHR_SEGMENT_BUSGRP_LKP_V BULKP,
      XXHR_DIRECTORATE_V DIRV,
      XXHR_DEPARTMENT_V DEP
    WHERE 1                  =1
    AND DIRLKP.COMPANY_CODE      = BULKP.COMPANY_CODE
    AND DIRLKP.DIRECTORATE_NAME = DIRV.DIRECTORATE_NAME
      --AND DIRLKP.DEPARTMENT_CODE = DEP.COST_ALLOCATION_SEG2
    AND TRANSLATE(UPPER(TRIM(DIRLKP.DEPARTMENT_NAME)), '--/', '  ') =
TRANSLATE(UPPER(TRIM(DEP.DEPARTMENT_NAME)), '--/', '  ')
    AND BULKP.BUSINESS_GROUP_ID                          = DEP.BUSINESS_UNIT_ID
    ) FIN
  ON UPPER(TRIM(HR.BUSINESS_GROUP_NAME))                          =
UPPER(TRIM(FIN.BUSINESS_GROUP_NAME))
  AND UPPER(TRIM(HR.DIRECTORATE_NAME))                           = UPPER(TRIM(FIN.DIRECTORATE_NAME))
  AND TRANSLATE(UPPER(TRIM(HR.DEPARTMENT_NAME)), '--/', '  ') =
TRANSLATE(UPPER(TRIM(FIN.DEPARTMENT_NAME)), '--/', '  ')
  ORDER BY 2,4,6,8;
```

4.1.18 XXHR_SEGMNT_DIRECTORATE_LKP_VM

```
CREATE OR REPLACE MATERIALIZED VIEW XXHR_SEGMNT_DIRECTORATE_LKP_VM
AS
  SELECT
    clm.base_user_column_name DEPARTMENT_CODE,
    clm.user_column_name DEPARTMENT_NAME,
    rw.base_row_low_range_or_name COMPANY_CODE,
    rw.row_low_range_or_name COMPANY_NAME,
    val.value DIRECTORATE_NAME,
    val.effective_start_date EFFECTIVE_START_DATE,
    val.effective_end_date EFFECTIVE_END_DATE
  FROM
    PAY_USER_COLUMN_INSTANCES_FV val,
    PAY_USER_COLUMNS_FV clm,
    PAY_USER_ROWS_F_FV rw,
    PAY_USER_TABLES_FV tbl
  WHERE 1=1
    AND tbl.user_table_id = clm.user_table_id
    AND tbl.user_table_id = rw.user_table_id
    AND tbl.user_table_id = 636534
    AND val.user_column_id = clm.user_column_id
    AND val.user_row_id = rw.user_row_id
    AND tbl.business_group_id = 81
```

4.1.19 XXHR_SEGMENT_BUSGRP_LKP_V

```
CREATE OR REPLACE FORCE VIEW XXHR_SEGMENT_BUSGRP_LKP_V
AS
  SELECT DISTINCT BG.BUSINESS_GROUP_ID BUSINESS_GROUP_ID,
    BG.NAME BUSINESS_GROUP_NAME,
    FFV.FLEX_VALUE COMPANY_CODE,
    FFVT.DESCRIPTION COMPANY_NAME
  FROM GL_LEDGERS LED,
    GL_LEDGER_SEGMENT_VALUES SEG,
    FND_FLEX_VALUES FFV,
    FND_FLEX_VALUES_TL FFVT,
    HR_OPERATING_UNITS OU,
    HR_ORGANIZATION_UNITS BG
  WHERE 1                  =1
  AND LED.LEDGER_ID        = SEG.LEDGER_ID
  AND SEG.SEGMENT_VALUE    = FFV.FLEX_VALUE
  AND FFV.FLEX_VALUE_ID    = FFVT.FLEX_VALUE_ID
  AND LED.LEDGER_ID        = OU.SET_OF_BOOKS_ID
  AND OU.BUSINESS_GROUP_ID = BG.ORGANIZATION_ID
  AND LED.LEDGER_CATEGORY_CODE = 'PRIMARY'
  AND FFV.FLEX_VALUE_SET_ID   = '1013428';
```

4.1.20 XXHR_SEGMENT_DIR_AUX_LKP

```sql
CREATE VIEW APPS.XXHR_SEGMENT_DIR_AUX_LKP_V
AS SELECT DIRLKP.COMPANY_CODE,
    DIRLKP.DEPARTMENT_CODE,
    AUX.DEPARTMENT_ID,
    AUX.DIRECTORATE_ID,
    AUX.BUSINESS_GROUP_ID,
    AUX.MIN_ASSIGN_START_DATE,
    AUX.MAX_ASSIGN_END_DATE
  FROM XXHR_SEGMNT_DIRECTORATE_LKP_VM DIRLKP
  LEFT OUTER JOIN
    (SELECT DISTINCT DEP.DEPARTMENT_ID,
      ORGLKP.DIRECTORATE_ID,
      ORGLKP.BUSINESS_GROUP_ID,
      ORGLKP.DIRECTORATE_NAME,
      DEP.COST_ALLOCATION_SEG2 DEPARTMENT_CODE,
      BULKP.COMPANY_CODE,
      MIN(ORGLKP.MIN_ASSIGN_START_DATE) MIN_ASSIGN_START_DATE,
      MAX(ORGLKP.MAX_ASSIGN_END_DATE) MAX_ASSIGN_END_DATE
    FROM XXHR_DEPARTMENT_V DEP
    LEFT OUTER JOIN XXHR_ORG_HIER_LKP_V ORGLKP
    ON DEP.BUSINESS_UNIT_ID                             =
ORGLKP.BUSINESS_GROUP_ID
    AND TRANSLATE(UPPER(TRIM(DEP.DEPARTMENT_NAME)), '--/', '  ') =
TRANSLATE(UPPER(TRIM(ORGLKP.DEPARTMENT_NAME)), '--/', '  ')
    LEFT OUTER JOIN XXHR_SEGMENT_BUSGRP_LKP_V BULKP
    ON DEP.BUSINESS_UNIT_ID = BULKP.BUSINESS_GROUP_ID
    GROUP BY DEP.DEPARTMENT_ID,
      ORGLKP.DIRECTORATE_ID,
      ORGLKP.BUSINESS_GROUP_ID,
      ORGLKP.DIRECTORATE_NAME,
      DEP.COST_ALLOCATION_SEG2,
      BULKP.COMPANY_CODE
    ) AUX ON DIRLKP.COMPANY_CODE          = AUX.COMPANY_CODE
  AND DIRLKP.DEPARTMENT_CODE              = AUX.DEPARTMENT_CODE
  AND UPPER(TRIM(DIRLKP.DIRECTORATE_NAME)) = UPPER(TRIM(AUX.DIRECTORATE_NAME))
```

4.1.21 XXPA_EXCLUDED_TASKS_LKP_V

```sql
CREATE OR REPLACE FORCE VIEW XXPA_EXCLUDED_TASKS_LKP_V
AS
  SELECT LOOKUP_CODE AS TASK_ID,
    MEANING
  FROM FND_LOOKUP_VALUES
  WHERE LOOKUP_TYPE IN ('MBC_BI_EXCLUDED_PRJCT_TASKS')
  AND ENABLED_FLAG   = 'Y'
  AND SYSDATE BETWEEN NVL(START_DATE_ACTIVE, SYSDATE) AND NVL(END_DATE_ACTIVE,
SYSDATE)
  AND FND_LOOKUP_VALUES.LANGUAGE= 'US';
```

4.2 Custom source tables

Custom tables of EBS used as sources in the project organized by module

4.2.1 Travel costs

APPS.XXFIN_TRAVEL_FORM_HEADERS
APPS.XXFIN_TRAVEL_FORM_HOTELS
APPS.XXFIN_TRAVEL_FORM_TICKETS
APPS.XXFIN_TRAVEL_FORM_VISAS

4.2.2 Projects

XXFIN.XXPA_PROJECTS_ALL

4.2.3 Leaves

XXHR.XXHR_ABSENCE_INVALID

4.2.4 Time and Attendance

XXHR.XXHR_EMP_DAILY_ATTEND

4.2.5 Overtime

XXHR.XOT_REQUEST

4.2.6 Learning Management System

XXHR.XXLM_CLASSES
XXHR.XXLM_CLASSES_PLAN
XXHR.XXLM_CLASS_ENROLLMENTS
XXHR.XXLM_CLASS_PO_REQ
XXHR.XXLM_COURSE
XXHR.XXLM_COURSE_PROVIDER
XXHR.XXLM_OFFERINGS
XXHR.XXLM_OFFERING_COMPETENCES

4.3 Custom and Customized OOTB CSV Files

Path to extract ETL files in ODI

```
/u02/app/etl/data_files/src_files/EBS_12_1_3
```

Filename	Type	Description
MBC_HRBI_Finance_Target.csv	Custom	Budget savings target data per directorate and year
MBC_HRBI_GL_Segment3_Groups.csv	Custom	Custom grouping of GL Segment 3 from finance in multiple levels
MBC_HRBI_Organization_Abbreviations.csv	Custom	Custom abbreviations for Directorates and Departments
file_group_acct_codes_ora.csv	OOTB	OOTB grouping of GL account codes
file_glacct_segment_config_ora.csv	OOTB	Configuration of GL account segment value sets in EBS

4.4 Customized OOTB tables

4.4.1 Absence Event Dimension

```
ALTER TABLE W_ABSENCE_EVENT_DS
ADD (
      X_TOIL_STATUS VARCHAR2(255 CHAR),
      X_PROJECT_ID VARCHAR2(255 CHAR),
      X_CUSTOM_SOURCE VARCHAR2(4),
      X_MODE_OF_COMPENSATION VARCHAR2(50)
);

ALTER TABLE W_ABSENCE_EVENT_D
ADD (
      X_TOIL_STATUS VARCHAR2(255 CHAR),
      X_PROJECT_WID NUMBER(10,0),
      X_CUSTOM_SOURCE VARCHAR2(4),
      X_MODE_OF_COMPENSATION VARCHAR2(50)
);
```

Mapping *SDE_ORA_AbsenceEventDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ABSENCE_EVENT_DS	X_TOIL_STATUS	VARCHAR2(255 CHAR)	PER_ABSENCE_ATTENDANCES	CASE WHEN UPPER(PAA.ATTRIBUTE2) LIKE '%EXPIRED%' THEN 'EXPIRED' WHEN UPPER(PAA.ATTRIBUTE2) LIKE '%PAID%' THEN 'PAID' ELSE '__UNASSIGNED__' END
W_ABSENCE_EVENT_DS	X_PROJECT_ID	VARCHAR2(255 CHAR)	XXHR_OVERTIME_PROJECT_V	PROJECT_ID
W_ABSENCE_EVENT_DS	X_CUSTOM_SOURCE	VARCHAR2(4 CHAR)	N/A	NULL
W_ABSENCE_EVENT_DS	X_MODE_OF_COMPENSATION	VARCHAR2(50)	N/A	NULL

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ABSENCE_EVENT_DS	ABS_ATTENDANCE_REASON_ID	NUMBER	N/A	NULL
W_ABSENCE_EVENT_DS	ABSENCE_ATTENDANCE_ID	NUMBER	XXOT_REQUEST	OT_REQUEST_ID
W_ABSENCE_EVENT_DS	ABSENCE_ATTENDANCE_TYPE_ID	NUMBER	PER_ABSENCE_ATTENDANCE_TYPES	ABSENCE_ATTENDANCE_TYPE__ID
W_ABSENCE_EVENT_DS	ABSENCE_CATEGORY	VARCHAR2	PER_ABSENCE_ATTENDANCE_TYPES	ABSENCE_CATEGORY
W_ABSENCE_EVENT_DS	ASG_FREQ	VARCHAR2	PER_ALL_ASSIGNMENTS_F	FREQUENCY
W_ABSENCE_EVENT_DS	ASG_HOURS	NUMBER	PER_ALL_ASSIGNMENTS_F	NORMAL_HOURS
W_ABSENCE_EVENT_DS	ASSIGNMENT_ID	NUMBER	PER_ALL_ASSIGNMENTS_F	ASSIGNMENT_ID
W_ABSENCE_EVENT_DS	BUSINESS_GROUP_ID	NUMBER	XXOT_REQUEST	BUSINESS_GROUP_ID
W_ABSENCE_EVENT_DS	CREATED_BY	NUMBER	XXOT_REQUEST	CREATED_BY

W_ABSENCE_EVENT_DS	CREATION_DATE	DATE	XXOT_REQUEST	CREATION_DATE
W_ABSENCE_EVENT_DS	DATE_END	DATE	XXOT_REQUEST	COALESCE(OT_TIME_TO, OT_DATE)
W_ABSENCE_EVENT_DS	DATE_NOTIFICATION	DATE	XXOT_REQUEST	OT_DATE
W_ABSENCE_EVENT_DS	DATE_START	DATE	XXOT_REQUEST	COALESCE(OT_TIME_FROM, OT_DATE)
W_ABSENCE_EVENT_DS	DAYS_DURATION	NUMBER	XXOT_REQUEST	COALESCE(OT_HOURS, EMP_OT_HOURS) / 8
W_ABSENCE_EVENT_DS	DELETE_FLG	VARCHAR2	N/A	'N'
W_ABSENCE_EVENT_DS	DFLT_HOURS_PER_DAY	NUMBER	N/A	#HR_ABS_DFLT_HOURS_PER_DAY
W_ABSENCE_EVENT_DS	FULL_FREQ	VARCHAR2	HR_ALL_POSITIONS_F. HR_ORGANIZATION_INFORMATION	NVL(HPF.FREQUENCY, NVL(OI_ORG.ORG_INFORMATION4, OI_BUS.ORG_INFORMATION4))
W_ABSENCE_EVENT_DS	FULL_HOURS	NUMBER	HR_ALL_POSITIONS_F. HR_ORGANIZATION_INFORMATION	NVL(HPF.WORKING_HOURS, ROUND(TO_NUMBER(TRANSLATE(NVL(OI_ORG.ORG_INFORMATION3, OI_BUS.ORG_INFORMATION3), '.', SUBSTR(LTRIM(TO_CHAR(.3,'0D0')),2,1))), 20))
W_ABSENCE_EVENT_DS	HOURS_DURATION	NUMBER	XXOT_REQUEST	COALESCE(OT_HOURS, EMP_OT_HOURS)
W_ABSENCE_EVENT_DS	LAST_UPDATE_DATE	DATE	XXOT_REQUEST	LAST_UPDATE_DATE
W_ABSENCE_EVENT_DS	LAST_UPDATE_DATE_ASG	DATE	PER_ALL_ASSIGNMENTS_F	LAST_UPDATE_DATE
W_ABSENCE_EVENT_DS	LAST_UPDATE_DATE_PAR	DATE	PER_ABSENCE_ATTENDANCE_TYPES	LAST_UPDATE_DATE
W_ABSENCE_EVENT_DS	LAST_UPDATE_DATE_PAT	DATE	PER_ABSENCE_ATTENDANCE_TYPES	LAST_UPDATE_DATE
W_ABSENCE_EVENT_DS	LAST_UPDATED_BY	NUMBER	XXOT_REQUEST	LAST_UPDATED_BY
W_ABSENCE_EVENT_DS	LOCATION_ID	NUMBER	PER_ALL_ASSIGNMENTS_F	LOCATION_ID
W_ABSENCE_EVENT_DS	NAME	VARCHAR2	N/A	NULL
W_ABSENCE_EVENT_DS	NO_DAYS	DATE	XXOT_REQUEST	CASE WHEN OT_TIME_FROM > TRUNC(SYSDATE) THEN 0 WHEN OT_TIME_FROM <= NVL(OT_TIME_TO, TRUNC(SYSDATE)) THEN NVL(.OT_TIME_TO, TRUNC(SYSDATE)) -OT_TIME_FROM + 1 ELSE TO_NUMBER(NULL) END
W_ABSENCE_EVENT_DS	ORGANIZATION_ID	NUMBER	PER_ALL_ASSIGNMENTS_F	ORGANIZATION_ID
W_ABSENCE_EVENT_DS	PERSON_ID	NUMBER	XXOT_REQUEST	PERSON_ID
W_ABSENCE_EVENT_DS	POSITION_ID	NUMBER	PER_ALL_ASSIGNMENTS_F	POSITION_ID
W_ABSENCE_EVENT_DS	SRC_ABSENCE_UNITS	VARCHAR2	N/A	'H'
W_ABSENCE_EVENT_DS	TIME_END	VARCHAR2	N/A	NULL
W_ABSENCE_EVENT_DS	TIME_START	VARCHAR2	N/A	NULL
W_ABSENCE_EVENT_DS	WORKING_DAYS_PER_MONTH	NUMBER	N/A	#HR_ABS_WORKING_DAYS_PER_MONTH
W_ABSENCE_EVENT_DS	WORKING_DAYS_PER_WEEK	NUMBER	N/A	#HR_ABS_WORKING_DAYS_PER_WEEK
W_ABSENCE_EVENT_DS	X_CUSTOM_SOURCE	VARCHAR2	N/A	'XXOT'
W_ABSENCE_EVENT_DS	X_MODE_OF_COMPENSATION	VARCHAR2	XXOT_REQUEST	MODE_OF_COMPENSATION
W_ABSENCE_EVENT_DS	X_PROJECT_ID	VARCHAR2	XXHR_OVERTIME_PROJECT_V	PROJECT_ID
W_ABSENCE_EVENT_DS	X_TOIL_STATUS	VARCHAR2		'__UNASSIGNED__'

Mapping *SIL_AbsenceEventDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ABSENCE_EVENT_D	X_TOIL_STATUS	VARCHAR2(255 CHAR)	W_ABSENCE_EVENT_DS	X_TOIL_STATUS
W_ABSENCE_EVENT_D	X_PROJECT_WID	NUMBER(10,0)	W_PROJECT_D	ROW_WID
W_ABSENCE_EVENT_D	X_CUSTOM_SOURCE	VARCHAR2(4 CHAR)	W_ABSENCE_EVENT_DS	X_CUSTOM_SOURCE
W_ABSENCE_EVENT_D	X_MODE_OF_COMPENSATION	VARCHAR2(50)	W_ABSENCE_EVENT_DS	X_MODE_OF_COMPENSATION

4.4.2 Employee Dimension

```
ALTER TABLE W_EMPLOYEE_DS
ADD (
    X_NATIONALITY                VARCHAR2(255 BYTE),
    X_SME_FROM_DT                DATE,
    X_SME_AREA                   VARCHAR2(255 CHAR),
    X_EMPLOYEE_TYPE              VARCHAR2(255 CHAR),
    X_PERSON_TYPE                VARCHAR2(255 CHAR),
    X_PROBATION_END_DT           DATE,
    X_PROBATION_PERIOD           NUMBER(22,2),
    X_PROBATION_UOM              VARCHAR2(30 CHAR),
    X_BUSINESS_UNIT_ID           VARCHAR2(80 CHAR),
    X_DIRECTORATE_ID             VARCHAR2(80 CHAR),
    X_DEPARTMENT_ID              VARCHAR2(80 CHAR),
    X_DIVISION_ID                VARCHAR2(80 CHAR),
    X_COMPANY_ID                 VARCHAR2(80 CHAR),
    X_WRK_COMPANY_ID             VARCHAR2(80 CHAR),
    X_RCRTMNT_SRC_CODE           VARCHAR2(30 CHAR),
    X_RCRTMNT_SRC_NAME           VARCHAR2(80 CHAR),
    X_RCRTMNT_SRC_DESC           VARCHAR2(240 CHAR),
    X_PARTY_ID                   NUMBER(15,0),
    X_APPLICANT_IND              NUMBER(1,0),
    X_CANDIDATE_IND              NUMBER(1,0),
    X_EX_APPLICANT_IND           NUMBER(1,0),
    X_REGULAR_EMPLOYEE_IND       NUMBER(1,0),
    X_CONSULTANT_IND             NUMBER(1,0),
    X_FREELANCER_IND             NUMBER(1,0),
    X_SERVICE_AGREEMENT_IND      NUMBER(1,0),
    X_INT_OPS_IND                NUMBER(1,0),
    X_RETAINER_IND               NUMBER(1,0),
    X_RETAINER_STORY_IND         NUMBER(1,0),
    X_CHAIRMAN_IND               NUMBER(1,0),
    X_EX_EMPLOYEE_IND            NUMBER(1,0),
    X_PERSON_TYPES_CONCAT        VARCHAR2(500 CHAR)
);
```

```
ALTER TABLE W_EMPLOYEE_D
ADD (
     X_NATIONALITY                    VARCHAR2(255 BYTE),
     X_SME_FROM_DT                    DATE,
     X_SME_AREA                       VARCHAR2(255 CHAR),
     X_EMPLOYEE_TYPE                  VARCHAR2(255 CHAR),
     X_PERSON_TYPE                    VARCHAR2(255 CHAR),
     X_PROBATION_END_DT               DATE,
     X_PROBATION_PERIOD               NUMBER(22,2),
     X_PROBATION_UOM                  VARCHAR2(30 CHAR),
     X_BUSINESS_UNIT_WID              NUMBER(10,0),
     X_BUSINESS_UNIT_ID               VARCHAR2(80 CHAR),
     X_BUSINESS_UNIT_NAME             VARCHAR2(150 CHAR),
     X_DIRECTORATE_WID                NUMBER(10,0),
     X_DIRECTORATE_ID                 VARCHAR2(80 CHAR),
     X_DIRECTORATE_NAME               VARCHAR2(150 CHAR),
     X_DEPARTMENT_WID                 NUMBER(10,0),
     X_DEPARTMENT_ID                  VARCHAR2(80 CHAR),
     X_DEPARTMENT_NAME                VARCHAR2(150 CHAR),
     X_DIVISION_WID                   NUMBER(10,0),
     X_DIVISION_ID                    VARCHAR2(80 CHAR),
     X_DIVISION_NAME                  VARCHAR2(150 CHAR),
     X_COMPANY_WID                    NUMBER(10,0),
     X_COMPANY_ID                     VARCHAR2(80 CHAR),
     X_COMPANY_NAME                   VARCHAR2(150 CHAR),
     X_WORK_COMPANY_WID               NUMBER(10,0),
     X_WORK_COMPANY_ID                VARCHAR2(80 CHAR),
     X_WORK_COMPANY_NAME              VARCHAR2(150 CHAR),
     X_RCRTMNT_SRC_CODE               VARCHAR2(30 CHAR),
     X_RCRTMNT_SRC_NAME               VARCHAR2(80 CHAR),
     X_RCRTMNT_SRC_DESC               VARCHAR2(240 CHAR),
     X_PARTY_ID                       NUMBER(15,0),
     X_PARTY_WID                      NUMBER(10,0),
     X_APPLICANT_IND                  NUMBER(1,0),
     X_CANDIDATE_IND                  NUMBER(1,0),
     X_EX_APPLICANT_IND               NUMBER(1,0),
     X_REGULAR_EMPLOYEE_IND           NUMBER(1,0),
     X_CONSULTANT_IND                 NUMBER(1,0),
     X_FREELANCER_IND                 NUMBER(1,0),
     X_SERVICE_AGREEMENT_IND          NUMBER(1,0),
     X_INT_OPS_IND                    NUMBER(1,0),
     X_RETAINER_IND                   NUMBER(1,0),
     X_RETAINER_STORY_IND             NUMBER(1,0),
     X_CHAIRMAN_IND                   NUMBER(1,0),
     X_EX_EMPLOYEE_IND                NUMBER(1,0),
     X_PERSON_TYPES_CONCAT            VARCHAR2(500 CHAR)

);
```

Mapping *SDE_ORA_EmployeeDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_EMPLOYEE_DS	NATIONALITY	VARCHAR2(255 BYTE)	XXHR_EMPLOYEE_NATIONALITY_V	NATIONALITY

W_EMPLOYEE_DS	X_SME_FROM_DT	DATE	XXHR_EMPLOYEE_SME_V	SME_DATE_FROM
W_EMPLOYEE_DS	X_SME_AREA	VARCHAR2(255 CHAR)	XXHR_EMPLOYEE_SME_V	SME_AREA
W_EMPLOYEE_DS	X_EMPLOYEE_TYPE	VARCHAR2(255 CHAR)	PAY_PEOPLE_GROUPS	SEGMENT5
W_EMPLOYEE_DS	X_PERSON_TYPE	VARCHAR2(255 CHAR)	PAY_PERSON_TYPES	USER_PERSON_TYPE
W_EMPLOYEE_DS	X_PROBATION_END_DT	DATE	PER_ALL_ASSIGNMENTS_F	DATE_PROBATION_END
W_EMPLOYEE_DS	X_PROBATION_PERIOD	NUMBER(22,2)	PER_ALL_ASSIGNMENTS_F	PROBATION_PERIOD
W_EMPLOYEE_DS	X_PROBATION_UOM	VARCHAR2(30 CHAR)	PER_ALL_ASSIGNMENTS_F	PROBATION_UNIT
W_EMPLOYEE_DS	X_BUSINESS_UNIT_ID	VARCHAR2(80 CHAR)	PER_ALL_ASSIGNMENTS_F	BUSINESS_UNIT_ID
W_EMPLOYEE_DS	X_DIRECTORATE_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	DIRECTORATE_ID
W_EMPLOYEE_DS	X_DEPARTMENT_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	DEPARTMENT_ID
W_EMPLOYEE_DS	X_DIVISION_ID	VARCHAR2(80 CHAR)	PER_ALL_ASSIGNMENTS_F	ORGANIZATION_ID
W_EMPLOYEE_DS	X_COMPANY_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	COMPANY_ID
W_EMPLOYEE_DS	X_WRK_COMPANY_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	WORK_COMPANY_ID
W_EMPLOYEE_DS	X_RCRTMNT_SRC_CODE	VARCHAR2(30 CHAR)	FND_LOOKUP_VALUES	LOOKLUP_CODE
W_EMPLOYEE_DS	X_RCRTMNT_SRC_NAME	VARCHAR2(80 CHAR)	FND_LOOKUP_VALUES	LOOKUP_MEANING
W_EMPLOYEE_DS	X_RCRTMNT_SRC_DESC	VARCHAR2(240 CHAR)	FND_LOOKUP_VALUES	DESCRIPTION
W_EMPLOYEE_DS	X_PARTY_ID	NUMBER(15, 0)	PER_ALL_PEOPLE_F	PARTY_ID
W_EMPLOYEE_DS	X_APPLICANT_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	APPLICANT_FLG
W_EMPLOYEE_DS	X_CANDIDATE_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	CANDIDATE_FLG
W_EMPLOYEE_DS	X_EX_APPLICANT_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	EX_APPLICANT_FLG
W_EMPLOYEE_DS	X_REGULAR_EMPLOYEE_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	REGULAR_EMPLOYEE_FLG
W_EMPLOYEE_DS	X_CONSULTANT_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	CONSULTANT_FLG
W_EMPLOYEE_DS	X_FREELANCER_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	FREELANCER_FLG
W_EMPLOYEE_DS	X_SERVICE_AGREEMENT_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	SERVICE_AGREEMENT_FLG
W_EMPLOYEE_DS	X_INT_OPS_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	INT_OPS_FLG
W_EMPLOYEE_DS	X_RETAINER_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	RETAINER_FLG
W_EMPLOYEE_DS	X_RETAINER_STORY_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	RETAINER_STORY_FLG
W_EMPLOYEE_DS	X_CHAIRMAN_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	CHAIRMAN_FLG
W_EMPLOYEE_DS	X_EX_EMPLOYEE_IND	NUMBER(1, 0)	XXHR_PERSON_TYPES_LKP_V	EX_EMPLOYEE_FLG
W_EMPLOYEE_DS	X_PERSON_TYPES_CONCAT	VARCHAR2(500 CHAR)	XXHR_PERSON_TYPES_LKP_V	CONCAT_PERSON_TYPES

Mapping SIL_EmployeeDimension customization

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_EMPLOYEE_DS	X_NATIONALITY	VARCHAR2(255 BYTE)	W_EMPLOYEE_DS	X_NATIONALITY
W_EMPLOYEE_D	X_SME_FROM_DT	DATE	W_EMPLOYEE_DS	X_SME_FROM_DT
W_EMPLOYEE_D	X_SME_AREA	VARCHAR2(255 CHAR)	W_EMPLOYEE_DS	X_SME_AREA

W_EMPLOYEE_D	X_EMPLOYEE_TYPE	VARCHAR2(255 CHAR)	W_EMPLOYEE_DS	X_EMPLOYEE_TYPE
W_EMPLOYEE_D	X_PERSON_TYPE	VARCHAR2(255 CHAR)	W_EMPLOYEE_DS	X_PERSON_TYPE
W_EMPLOYEE_D	X_PROBATION_END_DT	DATE	W_EMPLOYEE_DS	X_PROBATION_END_DT
W_EMPLOYEE_D	X_PROBATION_PERIOD	NUMBER(22,2)	W_EMPLOYEE_DS	X_PROBATION_PERIOD
W_EMPLOYEE_D	X_PROBATION_UOM	VARCHAR2(30 CHAR)	W_EMPLOYEE_DS	X_PROBATION_UNIT
W_EMPLOYEE_D	X_BUSINESS_UNIT_WID	NUMBER(10,0)	WC_DIVISION_D	X_BUSINESS_UNIT_WID
W_EMPLOYEE_D	X_BUSINESS_UNIT_ID	VARCHAR2(80 CHAR)	W_EMPLOYEE_DS	X_BUSINESS_UNIT_ID
W_EMPLOYEE_D	X_BUSINESS_UNIT_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	X_BUSINESS_UNIT_NAME
W_EMPLOYEE_D	X_DIRECTORATE_WID	NUMBER(10,0)	WC_DIVISION_D	X_DIRECTORATE_WID
W_EMPLOYEE_D	X_DIRECTORATE_ID	VARCHAR2(80 CHAR)	W_EMPLOYEE_DS	X_DIRECTORATE_ID
W_EMPLOYEE_D	X_DIRECTORATE_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	X_DIRECTORATE_NAME
W_EMPLOYEE_D	X_DEPARTMENT_WID	NUMBER(10,0)	WC_DIVISION_D	X_DEPARTMENT_WID
W_EMPLOYEE_D	X_DEPARTMENT_ID	VARCHAR2(80 CHAR)	W_EMPLOYEE_DS	X_DEPARTMENT_ID
W_EMPLOYEE_D	X_DEPARTMENT_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	X_DEPARTMENT_NAME
W_EMPLOYEE_D	X_DIVISION_WID	NUMBER(10,0)	WC_DIVISION_D	ROW_WID
W_EMPLOYEE_D	X_DIVISION_ID	VARCHAR2(80 CHAR)	W_EMPLOYEE_DS	X_DIVISION_ID
W_EMPLOYEE_D	X_DIVISION_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	X_DIVISION_NAME
W_EMPLOYEE_D	X_COMPANY_WID	NUMBER(10,0)	WC_COMPANY_D	ROW_WID
W_EMPLOYEE_D	X_COMPANY_ID	VARCHAR2(80 CHAR)	W_EMPLOYEE_DS	X_WRK_COMPANY_ID
W_EMPLOYEE_D	X_COMPANY_NAME	VARCHAR2(150 CHAR)	WC_COMPANY_D	X_COMPANY_NAME
W_EMPLOYEE_D	X_WRK_COMPANY_WID	NUMBER(10,0)	WC_WORK_COMPANY_D	ROW_WID
W_EMPLOYEE_D	X_WRK_COMPANY_ID	VARCHAR2(80 CHAR)	W_EMPLOYEE_DS	X_WRK_COMPANY_ID
W_EMPLOYEE_D	X_WRK_COMPANY_NAME	VARCHAR2(150 CHAR)	WC_WORK_COMPANY_D	X_WRK_COMPANY_NAME
W_EMPLOYEE_D	X_RCRTMNT_SRC_CODE	VARCHAR2(30 CHAR)	W_EMPLOYEE_DS	X_RCRTMNT_SRC_CODE
W_EMPLOYEE_D	X_RCRTMNT_SRC_NAME	VARCHAR2(80 CHAR)	W_EMPLOYEE_DS	X_RCRTMNT_SRC_NAME
W_EMPLOYEE_D	X_RCRTMNT_SRC_DESC	VARCHAR2(240 CHAR)	W_EMPLOYEE_DS	X_RCRTMNT_SRC_DESC
W_EMPLOYEE_D	X_PARTY_ID	NUMBER(15, 0)	W_EMPLOYEE_DS	X_PARTY_ID
W_EMPLOYEE_D	X_PARTY_WID	NUMBER(10, 0)	W_PARTY_D	ROW_WID
W_EMPLOYEE_DS	X_APPLICANT_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_APPLICANT_IND
W_EMPLOYEE_DS	X_CANDIDATE_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_CANDIDATE_IND
W_EMPLOYEE_DS	X_EX_APPLICANT_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_EX_APPLICANT_IND
W_EMPLOYEE_DS	X_REGULAR_EMPLOYEE_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_REGULAR_EMPLOYEE_IND
W_EMPLOYEE_DS	X_CONSULTANT_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_CONSULTANT_IND
W_EMPLOYEE_DS	X_FREELANCER_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_FREELANCER_IND
W_EMPLOYEE_DS	X_SERVICE_AGREEMENT_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_SERVICE_AGREEMENT_IND
W_EMPLOYEE_DS	X_INT_OPS_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_INT_OPS_IND

W_EMPLOYEE_DS	X_RETAINER_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_RETAINER_IND
W_EMPLOYEE_DS	X_RETAINER_STORY_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_RETAINER_STORY_IND
W_EMPLOYEE_DS	X_CHAIRMAN_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_CHAIRMAN_IND
W_EMPLOYEE_DS	X_EX_EMPLOYEE_IND	NUMBER(1, 0)	W_EMPLOYEE_DS	X_EX_EMPLOYEE_IND
W_EMPLOYEE_DS	X_PERSON_TYPES_CONCAT	VARCHAR2(500 CHAR)	W_EMPLOYEE_DS	X_PERSON_TYPES_CONCAT

4.4.3 HR Position Dimension

```
ALTER TABLE W_HR_POSITION_DS
ADD (
     X_CRITICAL_POSITION CHAR(1 CHAR)
);

ALTER TABLE W_HR_POSITION_D
ADD (
     X_CRITICAL_POSITION CHAR(1 CHAR)
);
```

Mapping *SDE_ORA_HRPositionDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_HR_POSITION_DS	X_CRITICAL_POSITION	CHAR(1 CHAR)	HR_ALL_POSITIONS_F	ATTRIBUTE2

Mapping *SIL_HRPositionDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_HR_POSITION_D	X_CRITICAL_POSITION	CHAR(1 CHAR)	W_HR_POSITION_DS	X_CRITICAL_POSITION

4.4.4 Job Requisition Dimension

```
ALTER TABLE W_JOB_RQSTN_DS
ADD (
     X_VACANCY_TYPE               VARCHAR2(255 CHAR),
     X_PROJECT_CODE               VARCHAR2(255 CHAR),
     X_SERVICE_AGREEMENT          VARCHAR2(255 CHAR),
     X_VACANCY_FILLED             CHAR(1 CHAR),
     X_HIGH_PRIORITY              CHAR(1 CHAR),
     X_HIRED_EMPLOYEE_ID          NUMBER(10,0),
     X_REPLACED_EMPLOYEE_NAME     VARCHAR2(255 CHAR),
     X_DIRECTORATE_ID             VARCHAR2(80 CHAR),
     X_DIVISION_ID                VARCHAR2(80 CHAR),
     X_COMPANY_ID                 VARCHAR2(80 CHAR),
     X_WRK_COMPANY_ID             VARCHAR2(80 CHAR),
     X_BUSINESS_UNIT_ID           VARCHAR2(80 CHAR),
     X_DEPARTMENT_ID              VARCHAR2(80 CHAR)
);

ALTER TABLE W_JOB_RQSTN_D
ADD (
     X_VACANCY_TYPE               VARCHAR2(255 CHAR),
     X_PROJECT_CODE               VARCHAR2(255 CHAR),
     X_SERVICE_AGREEMENT          VARCHAR2(255 CHAR),
     X_VACANCY_FILLED             CHAR(1 CHAR),
     X_HIGH_PRIORITY              CHAR(1 CHAR),
     X_HIRED_EMPLOYEE_ID          NUMBER(10,0),
     X_REPLACED_EMPLOYEE_NAME     VARCHAR2(255 CHAR),
     X_BUSINESS_UNIT_WID          NUMBER(10,0),
     X_BUSINESS_UNIT_ID           VARCHAR2(80 CHAR),
     X_BUSINESS_UNIT_NAME         VARCHAR2(150 CHAR),
     X_DIRECTORATE_WID            NUMBER(10,0),
     X_DIRECTORATE_ID             VARCHAR2(80 CHAR),
     X_DIRECTORATE_NAME           VARCHAR2(150 CHAR),
     X_DEPARTMENT_WID             NUMBER(10,0),
     X_DEPARTMENT_ID              VARCHAR2(80 CHAR),
     X_DEPARTMENT_NAME            VARCHAR2(150 CHAR),
     X_DIVISION_WID               NUMBER(10,0),
     X_DIVISION_ID                VARCHAR2(80 CHAR),
     X_DIVISION_NAME              VARCHAR2(150 CHAR),
     X_COMPANY_WID                NUMBER(10,0),
     X_COMPANY_ID                 VARCHAR2(80 CHAR),
     X_COMPANY_NAME               VARCHAR2(150 CHAR),
     X_WORK_COMPANY_WID           NUMBER(10,0),
     X_WORK_COMPANY_ID            VARCHAR2(80 CHAR),
     X_WORK_COMPANY_NAME          VARCHAR2(150 CHAR),
     X_HIRED_EMPLOYEE_WID         NUMBER(10,0)
);
```

Mapping *SDE_ORA_JobRequisitionDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_JOB_RQSTN_DS	X_VACANCY_TYPE	VARCHAR2(255 CHAR)	IRC_SEARCH_CRITERIA	ATTRIBUTE1
W_JOB_RQSTN_DS	X_PROJECT_CODE	VARCHAR2(255 CHAR)	IRC_SEARCH_CRITERIA	ATTRIBUTE2
W_JOB_RQSTN_DS	X_SERVICE_AGREEMENT	VARCHAR2(255 CHAR)	PER_ALL_VACANCIES	ATTRIBUTE7

W_JOB_RQSTN_DS	X_VACANCY_FILLED	CHAR(1 CHAR)	PER_ALL_ASSIGNMENTS_F	CASE COUNT(ASSIGNMENT_ID)=0, 'N' ELSE 'Y' END
W_JOB_RQSTN_DS	X_HIGH_PRIORITY	CHAR	IRC_SEARCH_CRITERIA	CASE ATTRIBUTE4 WHEN 'Y' THEN 'Y' ELSE 'N' END
W_JOB_RQSTN_DS	X_HIRED_EMPLOYEE_ID	NUMBER(10,0)	PER_ALL_ASSIGNMENTS_F	PERSON_ID
W_JOB_RQSTN_DS	X_REPLACED_EMPLOYEE_NAME	VARCHAR2(255 CHAR)	IRC_SEARCH_CRITERIA	ATTRIBUTE3
W_JOB_RQSTN_DS	X_DIRECTORATE_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	DIRECTORATE_ID
W_JOB_RQSTN_DS	X_DIVISION_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	DIVISION_ID
W_JOB_RQSTN_DS	X_COMPANY_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	COMPANY_ID
W_JOB_RQSTN_DS	X_WRK_COMPANY_ID	VARCHAR2(80 CHAR)	PAY_PEOPLE_GROUPS	WORK_COMPANY_ID
W_JOB_RQSTN_DS	X_BUSINESS_UNIT_ID	VARCHAR2(80 CHAR)	PER_ALL_VACANCIES	BUSINESS_GROUP_ID
W_JOB_RQSTN_DS	X_DEPARTMENT_ID	VARCHAR2(80 CHAR)	PER_ALL_VACANCIES	ORGANIZATION_ID

Mapping *SIL_JobRequisitionDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_JOB_RQSTN_D	X_VACANCY_TYPE	VARCHAR2(255 CHAR)	W_JOB_RQSTN_DS	X_VACANCY_TYPE
W_JOB_RQSTN_D	X_PROJECT_CODE	VARCHAR2(255 CHAR)	W_JOB_RQSTN_DS	X_PROJECT_CODE
W_JOB_RQSTN_D	X_SERVICE_AGREEMENT	VARCHAR2(255 CHAR)	W_JOB_RQSTN_DS	X_SERVICE_AGREEMENT
W_JOB_RQSTN_D	X_VACANCY_FILLED	CHAR(1 CHAR)	W_JOB_RQSTN_DS	X_VACANCY_FILLED
W_JOB_RQSTN_D	X_HIGH_PRIORITY	CHAR	W_JOB_RQSTN_DS	X_HIGH_PRIORITY
W_JOB_RQSTN_D	X_HIRED_EMPLOYEE_ID	NUMBER(10,0)	W_JOB_RQSTN_DS	X_HIRED_EMPLOYEE_ID
W_JOB_RQSTN_D	X_REPLACED_EMPLOYEE_NAME	VARCHAR2(255 CHAR)	W_JOB_RQSTN_DS	X_REPLACED_EMPLOYEE_NAME
W_JOB_RQSTN_D	X_DIRECTORATE_WID	NUMBER(10,0)	WC_DIVISION_D	DIRECTORATE_WID
W_JOB_RQSTN_D	X_DIRECTORATE_ID	VARCHAR2(80 CHAR)	WC_DIVISION_D	DIRECTORATE_ID
W_JOB_RQSTN_D	X_DIRECTORATE_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	DIRECTORATE_NAME
W_JOB_RQSTN_D	X_DIVISION_WID	NUMBER(10,0)	WC_DIVISION_D	ROW_WID
W_JOB_RQSTN_D	X_DIVISION_ID	VARCHAR2(80 CHAR)	WC_DIVISION_D	DIVISION_ID
W_JOB_RQSTN_D	X_DIVISION_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	DIVISION_NAME
W_JOB_RQSTN_D	X_COMPANY_WID	NUMBER(10,0)	WC_COMPANY_D	ROW_WID
W_JOB_RQSTN_D	X_COMPANY_ID	VARCHAR2(80 CHAR)	WC_COMPANY_D	COMPANY_ID
W_JOB_RQSTN_D	X_COMPANY_NAME	VARCHAR2(150 CHAR)	WC_COMPANY_D	COMPANY_NAME
W_JOB_RQSTN_D	X_WRK_COMPANY_WID	NUMBER(10,0)	WC_WORK_COMPANY_D	ROW_WID
W_JOB_RQSTN_D	X_WRK_COMPANY_ID	VARCHAR2(80 CHAR)	WC_WORK_COMPANY_D	WRK_COMPANY_ID
W_JOB_RQSTN_D	X_WRK_COMPANY_NAME	VARCHAR2(150 CHAR)	WC_WORK_COMPANY_D	WRK_COMPANY_NAME
W_JOB_RQSTN_D	X_BUSINESS_UNIT_WID	NUMBER(10,0)	WC_DIVISION_D	BUSINESS_UNIT_WID
W_JOB_RQSTN_D	X_BUSINESS_UNIT_ID	VARCHAR2(80 CHAR)	WC_DIVISION_D	BUSINESS_UNIT_ID
W_JOB_RQSTN_D	X_BUSINESS_UNIT_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	BUSINESS_UNIT_NAME

W_JOB_RQSTN_D	X_DEPARTMENT_WID	NUMBER(10,0)	WC_DIVISION_D	DEPARTMENT_WID
W_JOB_RQSTN_D	X_DEPARTMENT_ID	VARCHAR2(80 CHAR)	WC_DIVISION_D	DEPARTMENT_ID
W_JOB_RQSTN_D	X_DEPARTMENT_NAME	VARCHAR2(150 CHAR)	WC_DIVISION_D	DEPARTMENT_NAME

4.4.5 Project Dimension

Mapping *SDE_ORA_ProjectDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_PROJECT_DS	PROJECT_DESC	VARCHAR2(250)	PA_PROJECTS_ALL	DESCRIPTION
W_PROJECT_DS	PROJECT_NUMBER	VARCHAR2(240)	PA_PROJECTS_ALL	SEGMENT1

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_PROJECT_DS	PROJECT_NUMBER	VARCHAR2(30)	XXPA_PROJECTS_ALL	PROJECT_NUMBER
W_PROJECT_DS	PROJECT_NAME	VARCHAR2(240)	XXPA_PROJECTS_ALL	PROJECT_NAME
W_PROJECT_DS	PROJECT_DESC	VARCHAR2(250)	XXPA_PROJECTS_ALL	PROJECT_NUMBER
W_PROJECT_DS	STATUS_CODE	VARCHAR2(50)	XXPA_PROJECTS_ALL	STATUS
W_PROJECT_DS	PROJ_ORGANIZATION_ID	VARCHAR2(80)	XXPA_PROJECTS_ALL	ORG_ID
W_PROJECT_DS	START_DT	DATE	XXPA_PROJECTS_ALL	START_DATE
W_PROJECT_DS	COMPLETION_DT	DATE	XXPA_PROJECTS_ALL	COMPLENTION_DATE
W_PROJECT_DS	CREATED_BY_ID	VARCHAR2(80)	XXPA_PROJECTS_ALL	CREATED_BY
W_PROJECT_DS	CHANGED_BY_ID	VARCHAR2(80)	XXPA_PROJECTS_ALL	LAST_UPDATE_LOGIN
W_PROJECT_DS	CHANGED_ON_DT	DATE	XXPA_PROJECTS_ALL	LAST_UPDATE_DATE
W_PROJECT_DS	CREATED_ON_DT	DATE	XXPA_PROJECTS_ALL	CREATION_DATE
W_PROJECT_DS	INTEGRATION_ID	VARCHAR2(80)	XXPA_PROJECTS_ALL	'XXPA' + PROJECT_ID
W_PROJECT_DS	AUX1_CHANGED_ON_DT	DATE	XXPA_PROJECTS_ALL	LAST_UPDATE_DATE

Mapping *SIL_ProjectDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_PROJECT_D	TASK_NAME	VARCHAR2(240)	W_PROJECT_DS	TASK_NAME
W_PROJECT_D	TASK_DESC	VARCHAR2(250)	W_PROJECT_DS	TASK_DESC

4.4.6 Task Dimension

Table alter DDL script:

```
ALTER TABLE W_ORA_TASK_PS
ADD (
    X_TASK_NAME        VARCHAR2(240 CHAR)
);
```

Mapping *SDE_ORA_ProjectTaskDimension_PS* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ORA_TASK_PS	X_TASK_NAME	VARCHAR2(240)	PA_TASKS	TASK_NAME

Mapping *SDE_ORA_ProjectTaskDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_TASK_DS	TASK_NAME	VARCHAR2(240)	W_ORA_TASK_PS	X_TASK_NAME
W_TASK_DS	TASK_DESC	VARCHAR2(250)	W_ORA_TASK_PS	X_TASK_NAME

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_TASK_DS	TASK_NUMBER	VARCHAR2(100)	XXPA_PROJECTS_ALL	PROJECT_NUMBER
W_TASK_DS	TASK_NAME	VARCHAR2(240)	XXPA_PROJECTS_ALL	PROJECT_NAME
W_TASK_DS	TASK_DESC	VARCHAR2(250)	XXPA_PROJECTS_ALL	PROJECT_NUMBER
W_TASK_DS	STATUS_CODE	VARCHAR2(50)	XXPA_PROJECTS_ALL	STATUS
W_TASK_DS	START_DT	DATE	XXPA_PROJECTS_ALL	START_DATE
W_TASK_DS	COMPLETION_DT	DATE	XXPA_PROJECTS_ALL	COMPLENTION_DATE
W_TASK_DS	CREATED_BY_ID	VARCHAR2(80)	XXPA_PROJECTS_ALL	CREATED_BY
W_TASK_DS	CHANGED_BY_ID	VARCHAR2(80)	XXPA_PROJECTS_ALL	LAST_UPDATE_LOGIN
W_TASK_DS	CHANGED_ON_DT	DATE	XXPA_PROJECTS_ALL	LAST_UPDATE_DATE
W_TASK_DS	CREATED_ON_DT	DATE	XXPA_PROJECTS_ALL	CREATION_DATE
W_TASK_DS	INTEGRATION_ID	VARCHAR2(80)	XXPA_PROJECTS_ALL	'XXPA' + PROJECT_ID
W_TASK_DS	AUX1_CHANGED_ON_DT	DATE	XXPA_PROJECTS_ALL	LAST_UPDATE_DATE

Mapping *SIL_ProjectTaskDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_TASK_D	TASK_NAME	VARCHAR2(240)	W_TASK_DS	TASK_NAME
W_TASK_D	TASK_DESC	VARCHAR2(250)	W_TASK_DS	TASK_DESC

4.4.7 AP Invoice Distribution Fact

```
ALTER TABLE W_AP_INV_DIST_F_DEL
ADD (
    X_PAYMENT_NUM                  NUMBER(15,0);
);

ALTER TABLE W_AP_INV_DIST_FS
ADD (
    X_PAYMENT_NUM                  NUMBER(15,0),
    X_PAYMENT_DUE_DATE             DATE,
    X_PAYMENT_PCT                  NUMBER(28,0),
    X_PAYMENT_GROSS_AMOUNT         NUMBER(28,0),
    X_PAYMENT_REMAINING_AMOUNT     NUMBER(28,0),
    X_PAYMENT_REMAINING_PCT        NUMBER(28,0)
);

ALTER TABLE W_AP_INV_DIST_F
ADD (
    X_COMPANY_WID                  NUMBER(10,0),
    X_DEPARTMENT_WID               NUMBER(10,0),
    X_PROJECT_WID                  NUMBER(10,0),
    X_TASK_WID                     NUMBER(10,0),
    X_PAYMENT_NUM                  NUMBER(15,0),
    X_PAYMENT_DUE_DATE             DATE,
    X_PAYMENT_PCT                  NUMBER(28,0),
    X_PAYMENT_GROSS_AMOUNT         NUMBER(28,0),
    X_PAYMENT_REMAINING_AMOUNT     NUMBER(28,0),
    X_PAYMENT_REMAINING_PCT        NUMBER(28,0)
);
```

To avoid soft delete process failing, it is required to add X_PAYMENT_NUM column in
W_AP_INV_DIST_F_DEL table.

Mapping *SDE_ORA_APInvoiceDistributionFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_AP_INV_DIST_FS	X_PAYMENT_NUM	NUMBER	AP_PAYMENT_SCHEDULES_ALL AP_TERMS_LINES	COALESCE(AP_PAYMENT_SCHEDULES_ALL.PAYMENT_NUM, AP_TERMS_LINES.SEQUENCE_NUM, 0)
W_AP_INV_DIST_FS	X_PAYMENT_DUE_DATE	DATE	AP_PAYMENT_SCHEDULES_ALL AP_TERMS_LINES AP_INVOICES_ALL	COALESCE(AP_PAYMENT_SCHEDULES_ALL.DUE_DATE, AP_INVOICES_ALL.INVOICE_DATE + AP_TERMS_LINES.DUE_DAYS)
W_AP_INV_DIST_FS	X_PAYMENT_PCT	NUMBER	AP_TERMS_LINES	DUE_PERCENT / 100
W_AP_INV_DIST_FS	X_PAYMENT_GROSS_AMOUNT	NUMBER	AP_INVOICE_DISTRIBUTIONS_ALL AP_TERMS_LINES AP_PAYMENT_SCHEDULES_ALL	COALESCE(AP_INVOICE_DISTRIBUTIONS_ALL.AMOUNT *AP_TERMS_LINES.DUE_PERCENT/100, AP_PAYMENT_SCHEDULES_ALL.GROSS_AMOUNT)
W_AP_INV_DIST_FS	X_PAYMENT_REMAINING_PCT	NUMBER	AP_INVOICES_ALL AP_PAYMENT_SCHEDULES_ALL	CASE AP_INVOICES_ALL.PAYMENT_STATUS_FLAG WHEN 'Y' THEN 0 WHEN 'N' THEN 1 WHEN 'P' THEN (AP_PAYMENT_SCHEDULES_ALL.AMOUNT_REMAINING / AP_PAYMENT_SCHEDULES_ALL.GROSS_AMOUNT) ELSE 0 END
W_AP_INV_DIST_FS	X_PAYMENT_REMAINING_AMOUNT	NUMBER	N/A	X_PAYMENT_GROSS_AMOUNT* X_PAYMENT_REMAINING_PCT

Mapping *SIL_APInvoiceDistributionFact* customization

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_RQSTN_LINE_COST_F	X_COMPANY_WID	NUMBER(10,0)	WC_COMPANY_D	ROW_WID
W_RQSTN_LINE_COST_F	X_DEPARTMENT_WID	NUMBER(10,0)	WC_DEPARTMENT_D	ROW_WID
W_RQSTN_LINE_COST_F	X_PROJECT_WID	NUMBER(10,0)	W_PROJECT_D	ROW_WID
W_RQSTN_LINE_COST_F	X_TASK_WID	NUMBER(10,0)	W_TASK_D	ROW_WID
W_RQSTN_LINE_COST_F	X_PAYMENT_NUM	NUMBER	W_AP_INV_DIST_FS	X_PAYMENT_NUM
W_RQSTN_LINE_COST_F	X_PAYMENT_DUE_DATE	DATE	W_AP_INV_DIST_FS	X_PAYMENT_DUE_DATE
W_RQSTN_LINE_COST_F	X_PAYMENT_PCT	NUMBER	W_AP_INV_DIST_FS	X_PAYMENT_PCT
W_RQSTN_LINE_COST_F	X_PAYMENT_GROSS_AMOUNT	NUMBER	W_AP_INV_DIST_FS	X_PAYMENT_GROSS_AMOUNT
W_RQSTN_LINE_COST_F	X_PAYMENT_REMAINING_PCT	NUMBER	W_AP_INV_DIST_FS	X_PAYMENT_REMAINING_PCT
W_RQSTN_LINE_COST_F	X_PAYMENT_REMAINING_AMOUNT	NUMBER	W_AP_INV_DIST_FS	X_PAYMENT_REMAINING_AMOUNT

4.4.8 Absence Event Fact

```
ALTER TABLE W_ABSENCE_EVENT_F
ADD (
     X_PROJECT_WID          NUMBER(10,0),
     X_DIRECTORATE_WID      NUMBER(10,0),
     X_DEPARTMENT_WID       NUMBER(10,0),
     X_DIVISION_WID         NUMBER(10,0),
     X_COMPANY_WID          NUMBER(10,0),
     X_WORK_COMPANY_WID     NUMBER(10,0)
);
```

Mapping *SIL_AbsenceEventFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ABSENCE_EVENT_F	X_PROJECT_WID	NUMBER(10,0)	SQ_ABSENCE_EVENT_D	X_PROJECT_WID
W_ABSENCE_EVENT_F	X_DIRECTORATE_WID	NUMBER(10,0)	W_EMPLOYEE_D	X_DIRECTORATE_WID
W_ABSENCE_EVENT_F	X_DEPARTMENT_WID	NUMBER(10,0)	W_EMPLOYEE_D	X_DEPARTMENT_WID
W_ABSENCE_EVENT_F	X_DIVISION_WID	NUMBER(10,0)	W_EMPLOYEE_D	X_DIVISION_WID
W_ABSENCE_EVENT_F	X_COMPANY_WID	NUMBER(10,0)	W_EMPLOYEE_D	X_COMPANY_WID
W_ABSENCE_EVENT_F	X_WORK_COMPANY_WID	NUMBER(10,0)	W_EMPLOYEE_D	X_WORK_COMPANY_WID

4.4.9 Accrual Transaction Fact

```
ALTER TABLE W_ACCRUAL_XACT_FS_EXTR
ADD (
     X_CARRYOVER_LIMIT_DAYS        NUMBER(18,3),
     X_CARRYOVER_DAYS              NUMBER(18,3),
     X_DEC_ABSENCE_DURN            NUMBER(18,3),
     X_DEC_CARRYOVER_DURN          NUMBER(18,3),
     X_DEC_MAX_BALANCE             NUMBER(18,3),
     X_DEC_MAX_CARRYOVER           NUMBER(18,3),
     X_DEC_NET_ACCRUAL_DURN        NUMBER(18,3),
     X_DEC_NET_ACCRUAL_DURN_BAL    NUMBER(18,3),
     X_DEC_OTHER_NET_DURN          NUMBER(18,3)
);

ALTER TABLE W_ACCRUAL_XACT_FS
ADD (
     X_CARRYOVER_LIMIT_DAYS        NUMBER(18,3),
     X_CARRYOVER_DAYS              NUMBER(18,3)
);

ALTER TABLE W_ACCRUAL_XACT_F
ADD (
     X_CARRYOVER_LIMIT_DAYS        NUMBER(18,3),
     X_CARRYOVER_DAYS              NUMBER(18,3)
);
```

Mapping *SDE_ORA_AcctrualTransactionFact_Extract* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ACCRUAL_XACT_FS_EXTR	X_CARRYOVER_LIMIT_DAYS	NUMBER(18,3)	FF_GLOBAL_F_VL	GLOBAL_VALUE
W_ACCRUAL_XACT_FS_EXTR	X_CARRYOVER_DAYS	NUMBER(18,3)	PAY_ELEMENT_ENTRT_VALUES_F	SCREEN_ENTRY_VALUE
W_ACCRUAL_XACT_FS_EXTR	X_DEC_ABSENCE_DURN	NUMBER(18,3)	N/A	#HR_ACCRUAL_ABSENCE_AMT
W_ACCRUAL_XACT_FS_EXTR	X_DEC_CARRYOVER_DURN	NUMBER(18,3)	N/A	#HR_ACCRUAL_CARRYOVER_AMT
W_ACCRUAL_XACT_FS_EXTR	X_DEC_MAX_BALANCE	NUMBER(18,3)	PAY_ACCRUAL_BANDS	CEILING
W_ACCRUAL_XACT_FS_EXTR	X_DEC_MAX_CARRYOVER	NUMBER(18,3)	PAY_ACCRUAL_BANDS	MAX_CARRY_OVER
W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN	NUMBER(18,3)	N/A	#HR_ACCRUAL_PERIOD_GRANT_AMT
W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN_BAL	NUMBER(18,3)	N/A	#HR_ACCRUAL_BALANCE_AMT
W_ACCRUAL_XACT_FS_EXTR	X_DEC_OTHER_NET_DURN	NUMBER(18,3)	N/A	#HR_ACCRUAL_OTHER_AMT

Mapping *SDE_ORA_AcctrualTransactionFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ACCRUAL_XACT_FS	X_CARRYOVER_LIMIT_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_CARRYOVER_LIMIT_DAYS
W_ACCRUAL_XACT_FS	X_CARRYOVER_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_CARRYOVER_DAYS
W_ACCRUAL_XACT_FS	ABSENCE_DURN_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_ABSENCE_DURN
W_ACCRUAL_XACT_FS	ABSENCE_DURN_HRS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_ABSENCE_DURN

W_ACCRUAL_XACT_FS	ACCRUAL_BALANCE_DURN_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN_BAL
W_ACCRUAL_XACT_FS	ACCRUAL_BALANCE_DURN_HRS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN_BAL
W_ACCRUAL_XACT_FS	ACCRUAL_BALANCE_PRV_DURN_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN_BAL
W_ACCRUAL_XACT_FS	ACCRUAL_BALANCE_PRV_DURN_HRS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN_BAL
W_ACCRUAL_XACT_FS	CARRYOVER_DURN_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_CARRYOVER_DURN
W_ACCRUAL_XACT_FS	CARRYOVER_DURN_HRS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_CARRYOVER_DURN
W_ACCRUAL_XACT_FS	CREDITED_DURN_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_OTHER_NET_DURN
W_ACCRUAL_XACT_FS	CREDITED_DURN_HRS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_OTHER_NET_DURN
W_ACCRUAL_XACT_FS	MAX_BALANCE_DURN_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_MAX_BALANCE
W_ACCRUAL_XACT_FS	MAX_BALANCE_DURN_HRS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_MAX_BALANCE
W_ACCRUAL_XACT_FS	NET_ENTLMNT_DURN_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN
W_ACCRUAL_XACT_FS	NET_ENTLMNT_DURN_HRS	NUMBER(18,3)	W_ACCRUAL_XACT_FS_EXTR	X_DEC_NET_ACCRUAL_DURN

Mapping *SIL_AcctrualTransactionFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ACCRUAL_XACT_F	X_CARRYOVER_LIMIT_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS	X_CARRYOVER_LIMIT_DAYS
W_ACCRUAL_XACT_F	X_CARRYOVER_DAYS	NUMBER(18,3)	W_ACCRUAL_XACT_FS	X_CARRYOVER_DAYS

4.4.10 Budget Fact

```
ALTER TABLE W_ACCT_BUDGET_F
ADD (
     X_COMPANY_WID            NUMBER(10,0),
     X_DEPARTMENT_WID         NUMBER(10,0),
     X_PROJECT_WID            NUMBER(10,0),
     X_TASK_WID               NUMBER(10,0)
);
```

Mapping *SIL_BudgetFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_ACCT_BUDGET_F	X_COMPANY_WID	NUMBER(10,0)	W_COMPANY	ROW_WID
W_ACCT_BUDGET_F	X_DEPARTMENT_WID	NUMBER(10,0)	W_DEPARTMENT	ROW_WID
W_ACCT_BUDGET_F	X_PROJECT_WID	NUMBER(10,0)	W_PROJECT	ROW_WID
W_ACCT_BUDGET_F	X_TASK_WID	NUMBER(10,0)	W_TASK	ROW _WID

4.4.11 GL Balance Fact

```
CREATE TABLE WC_GL_BALANCE_DIMS_TMP
(
      INTEGRATION_ID            VARCHAR2(320 CHAR),
      DATASOURCE_NUM_ID         NUMBER(10,0),
      X_COMPANY_WID             NUMBER(10,0),
      X_DEPARTMENT_WID          NUMBER(10,0),
      X_PROJECT_WID             NUMBER(10,0),
      X_TASK_WID                NUMBER(10,0),
      X_AUX_DEPT_FILTER         NUMBER(10,0)
);

CREATE TABLE WC_GL_BALANCE_FS_TMP
    (
      LEDGER_ID                     VARCHAR2(80 CHAR),
      GL_ACCOUNT_WID                NUMBER(10,0),
      PROFIT_CENTER_NUM             VARCHAR2(50 CHAR),
      PROFIT_CENTER_ATTRIB          VARCHAR2(50 CHAR),
      PROFIT_CENTER_ID              VARCHAR2(80 CHAR),
      COST_CENTER_NUM               VARCHAR2(50 CHAR),
      COST_CENTER_ATTRIB            VARCHAR2(50 CHAR),
      COST_CENTER_ID                VARCHAR2(80 CHAR),
      BALANCING_SEGMENT_NUM         VARCHAR2(50 CHAR),
      BALANCING_SEGMENT_ATTRIB      VARCHAR2(50 CHAR),
      BALANCING_SEGMENT_ID          VARCHAR2(80 CHAR),
      NATURAL_ACCOUNT_NUM           VARCHAR2(50 CHAR),
      NATURAL_ACCOUNT_ATTRIB        VARCHAR2(50 CHAR),
      NATURAL_ACCOUNT_ID            VARCHAR2(80 CHAR),
      MANAGEMENT_SEGMENT_NUM        VARCHAR2(50 CHAR),
      COMPANY_ORG_ID                VARCHAR2(80 CHAR),
      BUSN_AREA_ORG_WID             NUMBER(10,0),
      CODE_COMBINATION_ID           VARCHAR2(80 CHAR),
      BALANCE_DATE                  DATE,
      BALANCE_DT_WID                NUMBER(15,0),
      DB_CR_IND                     VARCHAR2(10 CHAR),
      BALANCE_TYPE_FLAG             VARCHAR2(1 CHAR),
      TRANSLATED_FLAG               VARCHAR2(1 CHAR),
      LOC_CURR_CODE                 VARCHAR2(30 CHAR),
      ACCT_CURR_CODE                VARCHAR2(30 CHAR),
      SUMMARY_ACCOUNT_FLAG          VARCHAR2(1 CHAR),
      INTEGRATION_ID                VARCHAR2(150 CHAR),
      DATASOURCE_NUM_ID             NUMBER(10,0),
      TENANT_ID                     VARCHAR2(80 CHAR),
      X_CUSTOM                      VARCHAR2(10 CHAR),
      BALANCE_ACCT_AMT              NUMBER(28,10),
      ACTIVITY_ACCT_AMT             NUMBER(28,10),
      BALANCE_LOC_AMT               NUMBER(28,10),
      ACTIVITY_LOC_AMT              NUMBER(28,10),
      LAST_UPDATE_DATE              DATE,
      AUX1_CHANGED_ON_DT            DATE,
      AUX2_CHANGED_ON_DT            DATE,
      AUX3_CHANGED_ON_DT            DATE,
      AUX4_CHANGED_ON_DT            DATE,
      ADJUSTMENT_FLAG               VARCHAR2(1 CHAR),
      MCAL_CAL_WID                  NUMBER(10,0),
                                    Continue….
```

```
    GL_SEGMENT1_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT2_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT3_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT4_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT5_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT6_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT7_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT8_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT9_ID                      VARCHAR2(200 CHAR),
    GL_SEGMENT10_ID                     VARCHAR2(200 CHAR),
    BALANCE_TYPE_WID                    NUMBER(10,0),
    FINANCIAL_GL_FLG                    VARCHAR2(1 CHAR),
    CARRY_FORWARD_ACCT_AMT              NUMBER(28,10),
    CARRY_FORWARD_LOC_AMT               NUMBER(28,10),
    BUDGETARY_CONTROL_FLG               VARCHAR2(1 CHAR),
    BALANCE_ID                          VARCHAR2(240 CHAR),
    SEG_PROJECT_ID                      VARCHAR2(200 CHAR),
    SEG_PROGRAM_ID                      VARCHAR2(200 CHAR),
    BUDGET_WID                          NUMBER(10,0),
    BUDGET_LEDGER_ID                    VARCHAR2(80 CHAR),
    BUDGET_PERIOD_WID                   NUMBER(15,0),
    BUDGET_MCAL_CAL_WID                 NUMBER(10,0)
) ;


ALTER TABLE W_GL_BALANCE_F
ADD(
    X_COMPANY_WID                       NUMBER(10,0),
    X_DEPARTMENT_WID                    NUMBER(10,0),
    X_PROJECT_WID                       NUMBER(10,0),
    X_TASK_WID                          NUMBER(10,0)
);
```

Mapping *SIL_GLBalanceFact.WC_GL_BALANCE_DIMS_TMP*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_GL_BALANCE_DIMS_TMP	X_COMPANY_WID	NUMBER(10,0)	W_COMPANY	ROW_WID
WC_GL_BALANCE_DIMS_TMP	X_DEPARTMENT_WID	NUMBER(10,0)	W_DEPARTMENT	ROW_WID
WC_GL_BALANCE_DIMS_TMP	X_PROJECT_WID	NUMBER(10,0)	W_PROJECT	ROW_WID
WC_GL_BALANCE_DIMS_TMP	X_TASK_WID	NUMBER(10,0)	W_TASK	ROW _WID
WC_GL_BALANCE_DIMS_TMP	X_AUX_DEPT_FILTER	NUMBER(10,0)	FORMULA	row_number() over (partition by W_GL_BALANCE_FS.INTEGRATION_ID order by LKP_GL_ACCOUNT_DEPARTMENT.DATE_FROM desc, LKP_GL_ACCOUNT_DEPARTMENT.DATE_TO desc)

Mapping *SIL_GLBalanceFact.WC_GL_BALANCE_FS_TMP*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_GL_BALANCE_FS_TMP	LEDGER_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_ACCOUNT_WID	NUMBER(10,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	PROFIT_CENTER_NUM	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	PROFIT_CENTER_ATTRIB	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	PROFIT_CENTER_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	COST_CENTER_NUM	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	COST_CENTER_ATTRIB	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	COST_CENTER_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCING_SEGMENT_NUM	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCING_SEGMENT_ATTRIB	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCING_SEGMENT_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	NATURAL_ACCOUNT_NUM	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	NATURAL_ACCOUNT_ATTRIB	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	NATURAL_ACCOUNT_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	MANAGEMENT_SEGMENT_NUM	VARCHAR2(50 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	COMPANY_ORG_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BUSN_AREA_ORG_WID	NUMBER(10,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	CODE_COMBINATION_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCE_DATE	DATE	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCE_DT_WID	NUMBER(15,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	DB_CR_IND	VARCHAR2(10 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCE_TYPE_FLAG	VARCHAR2(1 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	TRANSLATED_FLAG	VARCHAR2(1 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	LOC_CURR_CODE	VARCHAR2(30 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	ACCT_CURR_CODE	VARCHAR2(30 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	SUMMARY_ACCOUNT_FLAG	VARCHAR2(1 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	INTEGRATION_ID	VARCHAR2(150 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	DATASOURCE_NUM_ID	NUMBER(10,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	TENANT_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	X_CUSTOM	VARCHAR2(10 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCE_ACCT_AMT	NUMBER(28,10)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	ACTIVITY_ACCT_AMT	NUMBER(28,10)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCE_LOC_AMT	NUMBER(28,10)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	ACTIVITY_LOC_AMT	NUMBER(28,10)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	LAST_UPDATE_DATE	DATE	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	AUX1_CHANGED_ON_DT	DATE	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	AUX2_CHANGED_ON_DT	DATE	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	AUX3_CHANGED_ON_DT	DATE	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	AUX4_CHANGED_ON_DT	DATE	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	ADJUSTMENT_FLAG	VARCHAR2(1 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	MCAL_CAL_WID	NUMBER(10,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT1_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT2_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT3_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT4_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT5_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT6_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT7_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT8_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT9_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	GL_SEGMENT10_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCE_TYPE_WID	NUMBER(10,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	FINANCIAL_GL_FLG	VARCHAR2(1 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	CARRY_FORWARD_ACCT_AMT	NUMBER(28,10)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	CARRY_FORWARD_LOC_AMT	NUMBER(28,10)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BUDGETARY_CONTROL_FLG	VARCHAR2(1 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BALANCE_ID	VARCHAR2(240 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	SEG_PROJECT_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	SEG_PROGRAM_ID	VARCHAR2(200 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BUDGET_WID	NUMBER(10,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BUDGET_LEDGER_ID	VARCHAR2(80 CHAR)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BUDGET_PERIOD_WID	NUMBER(15,0)	WC_GL_BALANCE_FS	
WC_GL_BALANCE_FS_TMP	BUDGET_MCAL_CAL_WID	NUMBER(10,0)	WC_GL_BALANCE_FS	

Mapping *SIL_GLBalanceFact.WC_GL_BALANCE_F*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_GL_BALANCE_F	X_COMPANY_WID	NUMBER(10,0)	WC_GL_BALANCE_DIMS_TMP	X_COMPANY_WID
WC_GL_BALANCE_F	X_DEPARTMENT_WID	NUMBER(10,0)	WC_GL_BALANCE_DIMS_TMP	X_DEPARTMENT_WID
WC_GL_BALANCE_F	X_PROJECT_WID	NUMBER(10,0)	WC_GL_BALANCE_DIMS_TMP	X_PROJECT_WID
WC_GL_BALANCE_F	X_TASK_WID	NUMBER(10,0)	WC_GL_BALANCE_DIMS_TMP	X_TASK_WID

4.4.12 Job Requisition Event Fact

```
ALTER TABLE W_JOB_RQSTN_EVENT_FS
ADD (
    X_GL_SEG6                   VARCHAR2(255 CHAR),
    X_HOTEL_COST                NUMBER(10,3),
    X_TICKET_COST               NUMBER(10,3),
    X_VISA_COST                 NUMBER(10,3),
    X_HIRED_PERSON_ID           NUMBER(10,0),
    X_REPLACED_EMPLOYEE_NAME     VARCHAR2(255 CHAR)
);

ALTER TABLE W_JOB_RQSTN_EVENT_F
ADD (
    X_GL_SEG6_SCD1_WID          NUMBER(10,0),
    X_TASK_WID                  NUMBER(10,0),
    X_VACANCY_DEADLINE_DT       DATE,
    X_HOTEL_COST                NUMBER(10,3),
    X_TICKET_COST               NUMBER(10,3),
    X_VISA_COST                 NUMBER(10,3),
    X_TOTAL_TRAVEL_COST         NUMBER(10,3),
    X_HIRED_EMPLOYEE_WID        NUMBER(10,0),
    X_REPLACED_EMPLOYEE_NAME     VARCHAR2(255 CHAR)
);
```

Mapping *SDE_ORA_JobRequisitionFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_JOB_RQSTN_EVENT_FS	X_GL_SEG6	VARCHAR2(255 CHAR)	FND_FLEX_VALUES	FLEX_VALUE
W_JOB_RQSTN_EVENT_FS	X_HOTEL_COST	NUMBER(10,3)	XXHR_TRAVEL_COST_V	HOTEL_COST
W_JOB_RQSTN_EVENT_FS	X_TICKET_COST	NUMBER(10,3)	XXHR_TRAVEL_COST_V	TICKET_COST + AMED_COST
W_JOB_RQSTN_EVENT_FS	X_VISA_COST	NUMBER(10,3)	XXHR_TRAVEL_COST_V	VISA_COST
W_JOB_RQSTN_EVENT_FS	X_HIRED_PERSON_ID	NUMBER(10,0)	PER_ALL_ASSIGNMENT_F	PERSON_ID
W_JOB_RQSTN_EVENT_FS	X_REPLACED_EMPLOYEE_NAME	VARCHAR2(255 CHAR)	IRC_SEARCH_CRITERIA	ATTRIBUTE3

Mapping *SIL_JobRequisitionFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_JOB_RQSTN_EVENT_F	X_GL_SEG6	VARCHAR2(255 CHAR)	W_JOB_RQSTN_EVENT_FS	X_GL_SEG6
W_JOB_RQSTN_EVENT_F	X_HOTEL_COST	NUMBER(10,3)	W_JOB_RQSTN_EVENT_FS	X_HOTEL_COST
W_JOB_RQSTN_EVENT_F	X_TICKET_COST	NUMBER(10,3)	W_JOB_RQSTN_EVENT_FS	X_TICKET_COST
W_JOB_RQSTN_EVENT_F	X_VISA_COST	NUMBER(10,3)	W_JOB_RQSTN_EVENT_FS	X_VISA_COST
W_JOB_RQSTN_EVENT_F	X_HIRED_PERSON_ID	NUMBER(10,0)	W_JOB_RQSTN_EVENT_FS	X_HIRED_PERSON_ID
W_JOB_RQSTN_EVENT_F	X_REPLACED_EMPLOYEE_NAME	VARCHAR2(255 CHAR)	W_JOB_RQSTN_EVENT_FS	X_REPLACED_EMPLOYEE_NAME

Mapping *PLP_JobRequisition_AccumulatedSnapshot*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_JOB_RQSTN_ACC_SNP_F	X_VACANCY_DEADLINE_DT	DATE	W_JOB_RQSTN_EVENT_FS	X_VACANCY_DEADLINE_DT
W_JOB_RQSTN_ACC_SNP_F	X_TASK_WID	NUMBER(10,0)	W_JOB_RQSTN_EVENT_FS	X_TASK_WID
W_JOB_RQSTN_ACC_SNP_F	X_HIRED_EMPLOYEE_WID	NUMBER(10,0)	W_JOB_RQSTN_EVENT_FS	X_HIRED_EMPLOYEE_WID
W_JOB_RQSTN_ACC_SNP_F	X_REPLACED_EMPLOYEE_NAME	VARCHAR2(255 CHAR)	W_JOB_RQSTN_EVENT_FS	X_REPLACED_EMPLOYEE_NAME

4.4.13 Recruitment Event Fact

```
ALTER TABLE W_RCRTMNT_EVENT_F
ADD (
     X_VACANCY_DEADLINE_DT              DATE,
     X_TASK_WID                         NUMBER(10,0),
     X_HIRED_EMPLOYEE_WID               NUMBER(10,0),
     X_HOTEL_COST                       NUMBER(10,3),
     X_TICKET_COST                      NUMBER(10,3),
     X_VISA_COST                        NUMBER(10,3),
     X_TOTAL_TRAVEL_COST                NUMBER(10,3),
     X_REPLACED_EMPLOYEE_NAME           VARCHAR2(255 CHAR)
);
```

Mapping PLP_RecruitmentEventFact_JobRequisitions customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_RCRTMNT_EVENT_F	X_TASK_WID	NUMBER(10,0)	W_JOB_RQSTN_EVENT_F	X_TASK_WID
W_RCRTMNT_EVENT_F	X_VACANCY_DEADLINE_DT	DATE	W_JOB_RQSTN_EVENT_F	X_VACANCY_DEADLINE_DT
W_RCRTMNT_EVENT_F	X_HIRED_EMPLOYEE_WID	NUMBER(10,0)	W_JOB_RQSTN_EVENT_F	X_HIRED_EMPLOYEE_WID
W_RCRTMNT_EVENT_F	X_REPLACED_EMPLOYEE_NAME	VARCHAR2(255 CHAR)	W_JOB_RQSTN_EVENT_F	X_REPLACED_EMPLOYEE_NAME
W_RCRTMNT_EVENT_F	X_HOTEL_COST	NUMBER(10,3)	W_JOB_RQSTN_EVENT_F	X_HOTEL_COST
W_RCRTMNT_EVENT_F	X_TICKET_COST	NUMBER(10,3)	W_JOB_RQSTN_EVENT_F	X_TICKET_COST
W_RCRTMNT_EVENT_F	X_VISA_COST	NUMBER(10,3)	W_JOB_RQSTN_EVENT_F	X_VISA_COST
W_RCRTMNT_EVENT_F	X_TOTAL_TRAVEL_COST	NUMBER(10,3)	W_JOB_RQSTN_EVENT_F	X_TOTAL_TRAVEL_COST

4.4.14 Purchase Cost Fact

```
ALTER TABLE W_PURCH_COST_FS
ADD (
    X_ORIG_PRMSED_DT        DATE,
    X_MARKET_PRICE          NUMBER(28,10),
    X_LIST_PRICE            NUMBER(28,10),
    X_PURCH_TYPE            VARCHAR2(150 CHAR)
);

ALTER TABLE W_PURCH_COST_F
ADD (
    X_ORIG_PRMSED_DT        DATE,
    X_MARKET_PRICE          NUMBER,
    X_LIST_PRICE            NUMBER,
    X_ORIG_PRMSED_DT_WID    NUMBER(10,0),
    X_PURCH_TYPE            VARCHAR2(150 CHAR),
    X_CATEGORY_ID           VARCHAR2(80 CHAR),
    X_DOMAIN_MEMBER_NAME    VARCHAR2(255 CHAR),
    X_DOMAIN_MEMBER_DESCR   VARCHAR2(2000 CHAR),
    X_COMPANY_WID           NUMBER(10,0),
    X_DEPARTMENT_WID        NUMBER(10,0),
    X_PROJECT_WID           NUMBER(10,0),
    X_TASK_WID              NUMBER(10,0)
);
```

Mapping *SDE_ORA_PurchaseCostFact*
PO_LINE_LOCATIONS_ARCHIVE_ALL.PROMISED_DATE

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_PURCH_COST_FS	X_ORIG_PRMSED_DT	DATE	PO_LINE_LOCATIONS_ARCHIVE_ALL	PROMISED_DATE
W_PURCH_COST_FS	X_MARKET_PRICE	NUMBER(28,10)	PO_LINES_ALL	MARKET_PRICE
W_PURCH_COST_FS	X_LIST_PRICE	NUMBER(28,10)	PO_LINES_ALL	LIST_PRICE
W_PURCH_COST_FS	X_PURCH_TYPE	VARCHAR2(150 CHAR)	PO_REQUISITION_HEADERS	ATTRIBUTE3

Mapping *SILPurchaseCostFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_PURCH_COST_F	X_ORIG_PRMSED_DT	DATE	W_PURCH_COST_FS	X_ORIG_PRMSED_DT
W_PURCH_COST_F	X_MARKET_PRICE	NUMBER(28,10)	W_PURCH_COST_FS	X_MARKET_PLACE
W_PURCH_COST_F	X_LIST_PRICE	NUMBER(28,10)	W_PURCH_COST_FS	X_LIST_PRICE
W_PURCH_COST_F	X_ORIG_PRMSED_DT_WID	NUMBER(10,0)	W_PURCH_COST_FS	X_ORIG_PRMSED_DT
W_PURCH_COST_F	X_PURCH_TYPE	VARCHAR2(150 CHAR)	W_PURCH_COST_FS	X_PURCH_TYPE
W_PURCH_COST_F	X_CATEGORY_ID	VARCHAR2(80 CHAR)	W_PURCH_COST_FS	CATEGORY_ID
W_PURCH_COST_F	X_DOMAIN_MEMBER_NAME	VARCHAR2(255 CHAR)	W_DOMAIN_MEMBER_LKP_TL	DOMAIN_MEMBER_NAME
W_PURCH_COST_F	X_DOMAIN_MEMBER_DESCR	VARCHAR2(2000 CHAR)	W_DOMAIN_MEMBER_LKP_TL	DOMAIN_MEMBER_DESCR
W_PURCH_COST_F	X_COMPANY_WID	NUMBER(10, 0)	LKP_GL_ACCOUNT_COMPANY	COMPANY_WID
W_PURCH_COST_F	X_DEPARTMENT_WID	NUMBER(10, 0)	LKP_GL_ACCOUNT_DEPARTMENT	DEPARTMENT_WID
W_PURCH_COST_F	X_PROJECT_WID	NUMBER(10, 0)	LKP_GL_ACCOUNT_PROJECT	PROJECT_WID
W_PURCH_COST_F	X_TASK_WID	NUMBER(10, 0)	LKP_GL_ACCOUNT_TASK	TASK_WID

4.4.15 Requisition Line Cost Fact

```
ALTER TABLE W_RQSTN_LINE_COST_F
ADD (
     X_COMPANY_WID      NUMBER(10,0),
     X_DEPARTMENT_WID   NUMBER(10,0),
     X_PROJECT_WID      NUMBER(10,0),
     X_TASK_WID         NUMBER(10,0)
);
```

Mapping *SIL_RequisitionLineCostFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
W_RQSTN_LINE_COST_F	X_COMPANY_WID	NUMBER(10,0)	WC_COMPANY_D	ROW_WID
W_RQSTN_LINE_COST_F	X_DEPARTMENT_WID	NUMBER(10,0)	WC_DEPARTMENT_D	ROW_WID
W_RQSTN_LINE_COST_F	X_PROJECT_WID	NUMBER(10,0)	W_PROJECT_D	ROW_WID
W_RQSTN_LINE_COST_F	X_TASK_WID	NUMBER(10,0)	W_TASK_D	ROW_WID

4.5 Custom tables added to OBIA

4.5.1 Business Unit Dimension

Table creation DDL script:

```
CREATE TABLE WC_BUSINESS_UNIT_DS (
      INTEGRATION_ID              VARCHAR2(80 CHAR) NOT NULL ENABLE,
      DATASOURCE_NUM_ID           NUMBER(10,0) NOT NULL ENABLE,
      BUSINESS_UNIT_ID            VARCHAR2(80 CHAR),
      BUSINESS_UNIT_NAME          VARCHAR2(150 CHAR),
      CREATED_BY_ID               VARCHAR2(80 CHAR),
      CHANGED_BY_ID               VARCHAR2(80 CHAR),
      CREATED_ON_DT               DATE,
      CHANGED_ON_DT               DATE,
      AUX1_CHANGED_ON_DT          DATE,
      AUX2_CHANGED_ON_DT          DATE,
      AUX3_CHANGED_ON_DT          DATE,
      AUX4_CHANGED_ON_DT          DATE,
      SRC_EFF_FROM_DT             DATE,
      SRC_EFF_TO_DT               DATE,
      DELETE_FLG                  CHAR(1 CHAR),
      TENANT_ID                   VARCHAR2(80 CHAR),
      X_CUSTOM                    VARCHAR2(10 CHAR)
);

CREATE TABLE WC_BUSINESS_UNIT_D (
      ROW_WID                     NUMBER(10,0) NOT NULL ENABLE,
      INT_ORG_SCD1_WID            NUMBER(10,0),
      BUSINESS_UNIT_ID            VARCHAR2(80 CHAR),
      BUSINESS_UNIT_NAME          VARCHAR2(150 CHAR),
      CREATED_BY_WID              NUMBER(10,0),
      CHANGED_BY_WID              NUMBER(10,0),
      CREATED_ON_DT               DATE,
      CHANGED_ON_DT               DATE,
      AUX1_CHANGED_ON_DT          DATE,
      AUX2_CHANGED_ON_DT          DATE,
      AUX3_CHANGED_ON_DT          DATE,
      AUX4_CHANGED_ON_DT          DATE,
      SRC_EFF_FROM_DT             DATE,
      SRC_EFF_TO_DT               DATE,
      EFFECTIVE_FROM_DT           DATE NOT NULL ENABLE,
      EFFECTIVE_TO_DT             DATE,
      DELETE_FLG                  CHAR(1 CHAR),
      CURRENT_FLG                 CHAR(1 CHAR),
      W_INSERT_DT                 DATE,
      W_UPDATE_DT                 DATE,
      DATASOURCE_NUM_ID           NUMBER(10,0) NOT NULL ENABLE,
      ETL_PROC_WID                NUMBER(10,0) NOT NULL ENABLE,
      INTEGRATION_ID              VARCHAR2(80 CHAR) NOT NULL ENABLE,
      TENANT_ID                   VARCHAR2(80 CHAR),
      X_CUSTOM                    VARCHAR2(10 CHAR)
);
```

Mapping *SDE_ORA_BusinessUnitDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_BUSINESS_UNIT_DS	INTEGRATION_ID	VARCHAR2	XXHR_BUSINESS_UNIT_V	BUSINESS_UNIT_ID
WC_BUSINESS_UNIT_DS	DATASOURCE_NUM_ID	NUMBER		#DATSOURCE_NUM_ID
WC_BUSINESS_UNIT_DS	BUSINESS_UNIT_ID	VARCHAR2	XXHR_BUSINESS_UNIT_V	BUSINESS_UNIT_ID
WC_BUSINESS_UNIT_DS	BUSINESS_UNIT_NAME	VARCHAR2	XXHR_BUSINESS_UNIT_V	BUSINESS_UNIT_NAME
WC_BUSINESS_UNIT_DS	CREATED_BY_ID	VARCHAR2	XXHR_BUSINESS_UNIT_V	CREATED_BY
WC_BUSINESS_UNIT_DS	CHANGED_BY_ID	VARCHAR2	XXHR_BUSINESS_UNIT_V	LAST_UPDATE_LOGIN
WC_BUSINESS_UNIT_DS	CREATED_ON_DT	DATE	XXHR_BUSINESS_UNIT_V	CREATION_DATE
WC_BUSINESS_UNIT_DS	CHANGED_ON_DT	DATE	XXHR_BUSINESS_UNIT_V	LAST_UPDATE_DATE
WC_BUSINESS_UNIT_DS	AUX1_CHANGED_ON_DT	DATE	XXHR_BUSINESS_UNIT_V	LAST_UPDATE_DATE
WC_BUSINESS_UNIT_DS	AUX2_CHANGED_ON_DT	DATE		
WC_BUSINESS_UNIT_DS	AUX3_CHANGED_ON_DT	DATE		
WC_BUSINESS_UNIT_DS	AUX4_CHANGED_ON_DT	DATE		
WC_BUSINESS_UNIT_DS	SRC_EFF_FROM_DT	DATE	XXHR_BUSINESS_UNIT_V	DATE_FROM
WC_BUSINESS_UNIT_DS	SRC_EFF_TO_DT	DATE	XXHR_BUSINESS_UNIT_V	DATE_TO
WC_BUSINESS_UNIT_DS	DELETE_FLG	CHAR		'Y'
WC_BUSINESS_UNIT_DS	TENANT_ID	VARCHAR2		#TENANT_ID
WC_BUSINESS_UNIT_DS	X_CUSTOM	VARCHAR2		'0'

Mapping *SIL_BusinessUnitDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_BUSINESS_UNIT_D	ROW_WID	NUMBER		WC_BUSINESS_UNIT_D_SEQ
WC_BUSINESS_UNIT_D	INT_ORG_SCD1_WID	NUMBER	W_INT_OR_D	SCD1_WID
WC_BUSINESS_UNIT_D	BUSINESS_UNIT_ID	VARCHAR2	WC_BUSINESS_UNIT_DS	BUSINESS_UNIT_ID
WC_BUSINESS_UNIT_D	BUSINESS_UNIT_NAME	VARCHAR2	WC_BUSINESS_UNIT_DS	BUSINESS_UNIT_NAME
WC_BUSINESS_UNIT_D	CREATED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_BUSINESS_UNIT_D	CHANGED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_BUSINESS_UNIT_D	CREATED_ON_DT	DATE	WC_BUSINESS_UNIT_DS	CREATED_ON_DT
WC_BUSINESS_UNIT_D	CHANGED_ON_DT	DATE	WC_BUSINESS_UNIT_DS	CHANGED_ON_DT
WC_BUSINESS_UNIT_D	AUX1_CHANGED_ON_DT	DATE	WC_BUSINESS_UNIT_DS	AUX1_CHANGED_ON_DT
WC_BUSINESS_UNIT_D	AUX2_CHANGED_ON_DT	DATE	WC_BUSINESS_UNIT_DS	AUX2_CHANGED_ON_DT
WC_BUSINESS_UNIT_D	AUX3_CHANGED_ON_DT	DATE	WC_BUSINESS_UNIT_DS	AUX3_CHANGED_ON_DT

WC_BUSINESS_UNIT_D	AUX4_CHANGED_ON_DT	DATE	WC_BUSINESS_UNIT_DS	AUX4_CHANGED_ON_DT
WC_BUSINESS_UNIT_D	SRC_EFF_FROM_DT	DATE	WC_BUSINESS_UNIT_DS	SRC_EFF_FROM_DT
WC_BUSINESS_UNIT_D	SRC_EFF_TO_DT	DATE	WC_BUSINESS_UNIT_DS	SRC_EFF_TO_DT
WC_BUSINESS_UNIT_D	EFFECTIVE_FROM_DT	DATE	WC_BUSINESS_UNIT_DS	SRC_EFF_FROM_DT
WC_BUSINESS_UNIT_D	EFFECTIVE_TO_DT	DATE	WC_BUSINESS_UNIT_DS	SRC_EFF_TO_DT
WC_BUSINESS_UNIT_D	DELETE_FLG	CHAR	WC_BUSINESS_UNIT_DS	DELETE_FLG
WC_BUSINESS_UNIT_D	CURRENT_FLG	CHAR		'Y'
WC_BUSINESS_UNIT_D	W_INSERT_DT	DATE		SESSSTARTTIME
WC_BUSINESS_UNIT_D	W_UPDATE_DT	DATE		SESSSTARTTIME
WC_BUSINESS_UNIT_D	DATASOURCE_NUM_ID	NUMBER	WC_BUSINESS_UNIT_DS	DATASOURCE_NUM_ID
WC_BUSINESS_UNIT_D	ETL_PROC_WID	NUMBER		#ETL_PROC_WID
WC_BUSINESS_UNIT_D	INTEGRATION_ID	VARCHAR2	WC_BUSINESS_UNIT_DS	INTEGRATION_ID
WC_BUSINESS_UNIT_D	TENANT_ID	VARCHAR2	WC_BUSINESS_UNIT_DS	TENANT_ID
WC_BUSINESS_UNIT_D	X_CUSTOM	VARCHAR2	WC_BUSINESS_UNIT_DS	X_CUSTOM

4.5.2 Directorate Dimension

Table creation DDL script:

```
CREATE TABLE WC_DIRECTORATE_DS
    (
     INTEGRATION_ID           VARCHAR2(80 CHAR) NOT NULL ENABLE,
       DATASOURCE_NUM_ID        NUMBER(10,0) NOT NULL ENABLE,
       DIRECTORATE_ID           VARCHAR2(80 CHAR),
       DIRECTORATE_NAME         VARCHAR2(150 CHAR),
       CREATED_BY_ID            VARCHAR2(80 CHAR),
       CHANGED_BY_ID            VARCHAR2(80 CHAR),
       CREATED_ON_DT            DATE,
       CHANGED_ON_DT            DATE,
       AUX1_CHANGED_ON_DT       DATE,
       AUX2_CHANGED_ON_DT       DATE,
       AUX3_CHANGED_ON_DT       DATE,
       AUX4_CHANGED_ON_DT       DATE,
       SRC_EFF_FROM_DT          DATE,
       SRC_EFF_TO_DT            DATE,
       DELETE_FLG               CHAR(1 CHAR),
       TENANT_ID                VARCHAR2(80 CHAR),
       X_CUSTOM                 VARCHAR2(10 CHAR),
       BUSINESS_UNIT_ID         VARCHAR2(80 CHAR)
    );

CREATE TABLE WC_DIRECTORATE_D_HR
    (
     ROW_WID                  NUMBER(10,0) NOT NULL ENABLE,
       DIRECTORATE_ID           VARCHAR2(80 CHAR),
       DIRECTORATE_NAME         VARCHAR2(150 CHAR),
       CREATED_BY_WID           NUMBER(10,0),
       CHANGED_BY_WID           NUMBER(10,0),
       CREATED_ON_DT            DATE,
       CHANGED_ON_DT            DATE,
       AUX1_CHANGED_ON_DT       DATE,
       AUX2_CHANGED_ON_DT       DATE,
       AUX3_CHANGED_ON_DT       DATE,
       AUX4_CHANGED_ON_DT       DATE,
       SRC_EFF_FROM_DT          DATE,
       SRC_EFF_TO_DT            DATE,
       EFFECTIVE_FROM_DT        DATE NOT NULL ENABLE,
       EFFECTIVE_TO_DT          DATE,
       DELETE_FLG               CHAR(1 CHAR),
       CURRENT_FLG              CHAR(1 CHAR),
       W_INSERT_DT              DATE,
       W_UPDATE_DT              DATE,
       DATASOURCE_NUM_ID        NUMBER(10,0) NOT NULL ENABLE,
       ETL_PROC_WID             NUMBER(10,0) NOT NULL ENABLE,
       INTEGRATION_ID           VARCHAR2(80 CHAR) NOT NULL ENABLE,
       TENANT_ID                VARCHAR2(80 CHAR),
       X_CUSTOM                 VARCHAR2(10 CHAR),
       BUSINESS_UNIT_WID        NUMBER(10,0),
       BUSINESS_UNIT_ID         VARCHAR2(80 CHAR),
       BUSINESS_UNIT_NAME       VARCHAR2(150 CHAR)
    );
```

Table creation DDL script:

Mapping *SDE_ORA_DirectorateDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_DIRECTORATE_DS	INTEGRATION_ID	VARCHAR2	XXHR_DEPARTMENT_V XXHR_ORG_HIER_LKP_V	DIRECTORATE_ID + BUSINESS_UNIT_ID
WC_DIRECTORATE_DS	DATASOURCE_NUM_ID	NUMBER		#DATASOURCE_NUM_ID
WC_DIRECTORATE_DS	DIRECTORATE_ID	VARCHAR2	XXHR_DIRECTORATE_V	DIRECTORATE_ID
WC_DIRECTORATE_DS	DIRECTORATE_NAME	VARCHAR2	XXHR_DIRECTORATE_V	DIRECTORATE_NAME
WC_DIRECTORATE_DS	CREATED_BY_ID	VARCHAR2	XXHR_DIRECTORATE_V	CREATED_BY
WC_DIRECTORATE_DS	CHANGED_BY_ID	VARCHAR2	XXHR_DIRECTORATE_V	LAST_UPDATE_LOGIN
WC_DIRECTORATE_DS	CREATED_ON_DT	DATE	XXHR_DIRECTORATE_V	CREATION_DATE
WC_DIRECTORATE_DS	CHANGED_ON_DT	DATE	XXHR_DIRECTORATE_V	LAST_UPDATE_DATE
WC_DIRECTORATE_DS	AUX1_CHANGED_ON_DT	DATE	XXHR_DIRECTORATE_V	LAST_UPDATE_DATE
WC_DIRECTORATE_DS	AUX2_CHANGED_ON_DT	DATE		
WC_DIRECTORATE_DS	AUX3_CHANGED_ON_DT	DATE		
WC_DIRECTORATE_DS	AUX4_CHANGED_ON_DT	DATE		
WC_DIRECTORATE_DS	SRC_EFF_FROM_DT	DATE	XXHR_DIRECTORATE_V	START_DATE_ACTIVE
WC_DIRECTORATE_DS	SRC_EFF_TO_DT	DATE	XXHR_DIRECTORATE_V	END_DATE_ACTIVE
WC_DIRECTORATE_DS	DELETE_FLG	CHAR		'N'
WC_DIRECTORATE_DS	TENANT_ID	VARCHAR2		#TENANT_ID
WC_DIRECTORATE_DS	X_CUSTOM	VARCHAR2		'0'
WC_DIRECTORATE_DS	BUSINESS_UNIT_ID	VARCHAR2	XXHR_ORG_HIER_LKP_V	BUSINESS_GROUP_ID

Mapping *SIL_DirectorateDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_DIRECTORATE_D_HR	ROW_WID	NUMBER		WC_DIRECTORATE_D_SEQ
WC_DIRECTORATE_D_HR	DIRECTORATE_ID	VARCHAR2	WC_DIRECTORATE_DS	DIRECTORATE_ID
WC_DIRECTORATE_D_HR	DIRECTORATE_NAME	VARCHAR2	WC_DIRECTORATE_DS	DIRECTORATE_NAME
WC_DIRECTORATE_D_HR	CREATED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_DIRECTORATE_D_HR	CHANGED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_DIRECTORATE_D_HR	CREATED_ON_DT	DATE	WC_DIRECTORATE_DS	CREATED_ON_DT
WC_DIRECTORATE_D_HR	CHANGED_ON_DT	DATE	WC_DIRECTORATE_DS	CHANGED_ON_DT

WC_DIRECTORATE_D_HR	AUX1_CHANGED_ON_DT	DATE	WC_DIRECTORATE_DS	AUX1_CHANGED_ON_DT
WC_DIRECTORATE_D_HR	AUX2_CHANGED_ON_DT	DATE	WC_DIRECTORATE_DS	AUX2_CHANGED_ON_DT
WC_DIRECTORATE_D_HR	AUX3_CHANGED_ON_DT	DATE	WC_DIRECTORATE_DS	AUX3_CHANGED_ON_DT
WC_DIRECTORATE_D_HR	AUX4_CHANGED_ON_DT	DATE	WC_DIRECTORATE_DS	AUX4_CHANGED_ON_DT
WC_DIRECTORATE_D_HR	SRC_EFF_FROM_DT	DATE	WC_DIRECTORATE_DS	SRC_EFF_FROM_DT
WC_DIRECTORATE_D_HR	SRC_EFF_TO_DT	DATE	WC_DIRECTORATE_DS	SRC_EFF_TO_DT
WC_DIRECTORATE_D_HR	EFFECTIVE_FROM_DT	DATE	WC_DIRECTORATE_DS	EFFECTIVE_FROM_DT
WC_DIRECTORATE_D_HR	EFFECTIVE_TO_DT	DATE	WC_DIRECTORATE_DS	EFFECTIVE_TO_DT
WC_DIRECTORATE_D_HR	DELETE_FLG	CHAR	WC_DIRECTORATE_DS	DELETE_FLG
WC_DIRECTORATE_D_HR	CURRENT_FLG	CHAR	WC_DIRECTORATE_DS	CURRENT_FLG
WC_DIRECTORATE_D_HR	W_INSERT_DT	DATE	WC_DIRECTORATE_DS	SESSSTARTTIME
WC_DIRECTORATE_D_HR	W_UPDATE_DT	DATE	WC_DIRECTORATE_DS	SESSSTARTTIME
WC_DIRECTORATE_D_HR	DATASOURCE_NUM_ID	NUMBER	WC_DIRECTORATE_DS	DATASOURCE_NUM_ID
WC_DIRECTORATE_D_HR	ETL_PROC_WID	NUMBER		#ETL_PROC_WID
WC_DIRECTORATE_D_HR	INTEGRATION_ID	VARCHAR2	WC_DIRECTORATE_DS	INTEGRATION_ID
WC_DIRECTORATE_D_HR	TENANT_ID	VARCHAR2	WC_DIRECTORATE_DS	TENANT_ID
WC_DIRECTORATE_D_HR	X_CUSTOM	VARCHAR2	WC_DIRECTORATE_DS	X_CUSTOM
WC_DIRECTORATE_D_HR	BUSINESS_UNIT_WID	NUMBER	W_BUSINESS_UNIT_D	ROW_WID
WC_DIRECTORATE_D_HR	BUSINESS_UNIT_ID	VARCHAR2	WC_DIRECTORATE_DS	BUSINESS_UNIT_ID
WC_DIRECTORATE_D_HR	BUSINESS_UNIT_NAME	VARCHAR2	W_BUSINESS_UNIT_D	BUSINESS_UNIT_NAME

4.5.3 Department Dimension

Table creation DDL script:

```
CREATE TABLE WC_DEPARTMENT_LKP
    (  GL_SEGMENT1_CODE        VARCHAR2(50 CHAR),
       GL_SEGMENT2_CODE        VARCHAR2(50 CHAR),
       BUSINESS_UNIT_ID        VARCHAR2(80 CHAR),
       DIRECTORATE_ID          VARCHAR2(80 CHAR),
       DEPARTMENT_ID           VARCHAR2(80 CHAR),
       DATE_FROM               DATE,
       DATE_TO                 DATE
    );
```

```
CREATE TABLE WC_DEPARTMENT_DS (

    INTEGRATION_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
    DATASOURCE_NUM_ID       NUMBER(10,0) NOT NULL ENABLE,
    BUSINESS_UNIT_ID        VARCHAR2(80 CHAR),
    DIRECTORATE_ID          VARCHAR2(80 CHAR),
    DEPARTMENT_ID           VARCHAR2(80 CHAR),
    DEPARTMENT_NAME         VARCHAR2(150 CHAR),
    COST_ALLOCATION_SEG2    VARCHAR2(4 CHAR),
    CREATED_BY_ID           VARCHAR2(80 CHAR),
    CHANGED_BY_ID           VARCHAR2(80 CHAR),
    CREATED_ON_DT           DATE,
    CHANGED_ON_DT           DATE,
    AUX1_CHANGED_ON_DT      DATE,
    AUX2_CHANGED_ON_DT      DATE,
    AUX3_CHANGED_ON_DT      DATE,
    AUX4_CHANGED_ON_DT      DATE,
    SRC_EFF_FROM_DT         DATE,
    SRC_EFF_TO_DT           DATE,
    DELETE_FLG              CHAR(1 CHAR),
    TENANT_ID               VARCHAR2(80 CHAR),
    X_CUSTOM                VARCHAR2(10 CHAR)
);

CREATE TABLE WC_DEPARTMENT_D (

    ROW_WID                 NUMBER(10,0) NOT NULL ENABLE,
    INT_ORG_SCD1_WID        NUMBER(10,0),
    GL_SEG2_SCD1_WID        NUMBER(10.0),
    BUSINESS_UNIT_WID       NUMBER(10,0),
    BUSINESS_UNIT_ID        VARCHAR2(80 CHAR),
    BUSINESS_UNIT_NAME      VARCHAR2(150 CHAR),
    DIRECTORATE_WID         NUMBER(10,0),
    DIRECTORATE_ID          VARCHAR2(80 CHAR),
    DIRECTORATE_NAME        VARCHAR2(150 CHAR),
    DEPARTMENT_ID           VARCHAR2(80 CHAR),
    DEPARTMENT_NAME         VARCHAR2(150 CHAR),
    COST_ALLOCATION_SEG2    VARCHAR2(4 CHAR),
    CREATED_BY_WID          NUMBER(10,0),
    CHANGED_BY_WID          NUMBER(10,0),
    CREATED_ON_DT           DATE,
    CHANGED_ON_DT           DATE,
    AUX1_CHANGED_ON_DT      DATE,
    AUX2_CHANGED_ON_DT      DATE,
    AUX3_CHANGED_ON_DT      DATE,
    AUX4_CHANGED_ON_DT      DATE,
    SRC_EFF_FROM_DT         DATE,
    SRC_EFF_TO_DT           DATE,
    EFFECTIVE_FROM_DT       DATE NOT NULL ENABLE,
    EFFECTIVE_TO_DT         DATE,
    DELETE_FLG              CHAR(1 CHAR),
    CURRENT_FLG             CHAR(1 CHAR),
    W_INSERT_DT             DATE,
    W_UPDATE_DT             DATE,
    DATASOURCE_NUM_ID       NUMBER(10,0) NOT NULL ENABLE,
    ETL_PROC_WID            NUMBER(10,0) NOT NULL ENABLE,
    INTEGRATION_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
    TENANT_ID               VARCHAR2(80 CHAR),
    X_CUSTOM                VARCHAR2(10 CHAR)
);
```

Mapping *SDE_ORA_DepartmentDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_DEPARTMENT_DS	INTEGRATION_ID	VARCHAR2	XXHR_DEPARTMENT_V XXHR_ORG_HIER_LKP_V	DEPARTMENT_ID + DIRECTORATE_ID + BUSINESS_UNIT_ID
WC_DEPARTMENT_DS	DATASOURCE_NUM_ID	NUMBER		#DATASOURCE_NUM_ID
WC_DEPARTMENT_DS	BUSINESS_UNIT_ID	VARCHAR2	XXHR_ORG_HIER_LKP_V	BUSINESS_UNIT_ID
WC_DEPARTMENT_DS	DEPARTMENT_ID	VARCHAR2	XXHR_DEPARTMENT_V	DEPARTMENT_ID
WC_DEPARTMENT_DS	DEPARTMENT_NAME	VARCHAR2	XXHR_DEPARTMENT_V	DEPARTMENT_NAME
WC_DEPARTMENT_DS	COST_ALLOCATION_SEG2	VARCHAR2	XXHR_DEPARTMENT_V	COST_ALLOCATION_SEG2
WC_DEPARTMENT_DS	CREATED_BY_ID	VARCHAR2	XXHR_DEPARTMENT_V	CREATED_BY
WC_DEPARTMENT_DS	CHANGED_BY_ID	VARCHAR2	XXHR_DEPARTMENT_V	LAST_UPDATE_LOGIN
WC_DEPARTMENT_DS	CREATED_ON_DT	DATE	XXHR_DEPARTMENT_V	CREATION_DATE
WC_DEPARTMENT_DS	CHANGED_ON_DT	DATE	XXHR_DEPARTMENT_V	LAST_UPDATE_DATE
WC_DEPARTMENT_DS	AUX1_CHANGED_ON_DT	DATE	XXHR_DEPARTMENT_V	LAST_UPDATE_DATE
WC_DEPARTMENT_DS	AUX2_CHANGED_ON_DT	DATE		
WC_DEPARTMENT_DS	AUX3_CHANGED_ON_DT	DATE		
WC_DEPARTMENT_DS	AUX4_CHANGED_ON_DT	DATE		
WC_DEPARTMENT_DS	SRC_EFF_FROM_DT	DATE	XXHR_DIRECTORATE_V	DATE_FROM
WC_DEPARTMENT_DS	SRC_EFF_TO_DT	DATE	XXHR_DIRECTORATE_V	DATE_TO
WC_DEPARTMENT_DS	DELETE_FLG	CHAR		'N'
WC_DEPARTMENT_DS	TENANT_ID	VARCHAR2		#TENANT_ID
WC_DEPARTMENT_DS	X_CUSTOM	VARCHAR2		'0'
WC_DEPARTMENT_DS	DIRECTORATE_ID	VARCHAR2	XXHR_ORG_HIER_LKP_V	DIRECTORATE_ID

Mapping *SIL_DepartmentDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_DEPARTMENT_D	ROW_WID	NUMBER		WC_DEPARTMENT_D_SEQ
WC_DEPARTMENT_D	INT_ORG_SCD1_WID	NUMBER	W_INT_ORG_D	SDC1_WID
WC_DEPARTMENT_D	GL_SEG2_SCD1_WID	NUMBER	W_GL_SEGMENT_D	SDC1_WID
WC_DEPARTMENT_D	BUSINESS_UNIT_WID	NUMBER	WC_BUSINESS_UNIT_D	ROW_WID
WC_DEPARTMENT_D	BUSINESS_UNIT_ID	VARCHAR2	WC_DEPARTMENT_DS	BUSINESS_UNIT_ID
WC_DEPARTMENT_D	BUSINESS_UNIT_NAME	VARCHAR2	WC_BUSINESS_UNIT_D	BUSINESS_UNIT_NAME
WC_DEPARTMENT_D	DIRECTORATE_WID	NUMBER	WC_DIRECTORATE_D_HR	ROW_WID
WC_DEPARTMENT_D	DIRECTORATE_ID	VARCHAR2	WC_DEPARTMENT_DS	DIRECTORATE_ID
WC_DEPARTMENT_D	DIRECTORATE_NAME	VARCHAR2	WC_DIRECTORATE_D_HR	DIRECTORATE_NAME

WC_DEPARTMENT_D	DEPARTMENT_ID	VARCHAR2	WC_DEPARTMENT_DS	DEPARTMENT_ID
WC_DEPARTMENT_D	DEPARTMENT_NAME	VARCHAR2	WC_DEPARTMENT_DS	DEPARTMENT_NAME
WC_DEPARTMENT_D	COST_ALLOCATION_SEG2	VARCHAR2	WC_DEPARTMENT_DS	COST_ALLOCATION_SEG2
WC_DEPARTMENT_D	CREATED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_DEPARTMENT_D	CHANGED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_DEPARTMENT_D	CREATED_ON_DT	DATE	WC_DEPARTMENT_DS	CREATED_ON_DT
WC_DEPARTMENT_D	CHANGED_ON_DT	DATE	WC_DEPARTMENT_DS	CHANGED_ON_DT
WC_DEPARTMENT_D	AUX1_CHANGED_ON_DT	DATE	WC_DEPARTMENT_DS	AUX1_CHANGED_ON_DT
WC_DEPARTMENT_D	AUX2_CHANGED_ON_DT	DATE	WC_DEPARTMENT_DS	AUX2_CHANGED_ON_DT
WC_DEPARTMENT_D	AUX3_CHANGED_ON_DT	DATE	WC_DEPARTMENT_DS	AUX3_CHANGED_ON_DT
WC_DEPARTMENT_D	AUX4_CHANGED_ON_DT	DATE	WC_DEPARTMENT_DS	AUX4_CHANGED_ON_DT
WC_DEPARTMENT_D	SRC_EFF_FROM_DT	DATE	WC_DEPARTMENT_DS	SRC_EFF_FROM_DT
WC_DEPARTMENT_D	SRC_EFF_TO_DT	DATE	WC_DEPARTMENT_DS	SRC_EFF_TO_DT
WC_DEPARTMENT_D	EFFECTIVE_FROM_DT	DATE	WC_DEPARTMENT_DS	SRC_EFF_FROM_DT
WC_DEPARTMENT_D	EFFECTIVE_TO_DT	DATE	WC_DEPARTMENT_DS	SRC_EFF_TO_DT
WC_DEPARTMENT_D	DELETE_FLG	CHAR	WC_DEPARTMENT_DS	DELETE_FLG
WC_DEPARTMENT_D	CURRENT_FLG	CHAR		'Y'
WC_DEPARTMENT_D	W_INSERT_DT	DATE		SESSSTARTTIME
WC_DEPARTMENT_D	W_UPDATE_DT	DATE		SESSSTARTTIME
WC_DEPARTMENT_D	DATASOURCE_NUM_ID	NUMBER	WC_DEPARTMENT_DS	DATASOURCE_NUM_ID
WC_DEPARTMENT_D	ETL_PROC_WID	NUMBER		#ETL_PROC_WID
WC_DEPARTMENT_D	INTEGRATION_ID	VARCHAR2	WC_DEPARTMENT_DS	INTEGRATION_ID
WC_DEPARTMENT_D	TENANT_ID	VARCHAR2	WC_DEPARTMENT_DS	TENANT_ID
WC_DEPARTMENT_D	X_CUSTOM	VARCHAR2	WC_DEPARTMENT_DS	X_CUSTOM

4.5.4 Division Dimension

Table creation DDL script:

```
CREATE TABLE WC_DIVISION_DS
    (
    INTEGRATION_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
    DATASOURCE_NUM_ID       NUMBER(10,0) NOT NULL ENABLE,
    DIVISION_ID             VARCHAR2(80 CHAR),
    DIVISION_NAME           VARCHAR2(150 CHAR),
    CREATED_BY_ID           VARCHAR2(80 CHAR),
    CHANGED_BY_ID           VARCHAR2(80 CHAR),
    CREATED_ON_DT           DATE,
    CHANGED_ON_DT           DATE,
    AUX1_CHANGED_ON_DT      DATE,
    AUX2_CHANGED_ON_DT      DATE,
    AUX3_CHANGED_ON_DT      DATE,
    AUX4_CHANGED_ON_DT      DATE,
    SRC_EFF_FROM_DT         DATE,
    SRC_EFF_TO_DT           DATE,
    DELETE_FLG              CHAR(1 CHAR),
    TENANT_ID               VARCHAR2(80 CHAR),
    X_CUSTOM                VARCHAR2(10 CHAR),
    BUSINESS_UNIT_ID        VARCHAR2(80 CHAR),
    DIRECTORATE_ID          VARCHAR2(80 CHAR),
    DEPARTMENT_ID           VARCHAR2(80 CHAR)
    );

REATE TABLE WC_DIVISION_D
    (
    ROW_WID                 NUMBER(10,0) NOT NULL ENABLE,
    DIVISION_ID             VARCHAR2(80 CHAR),
    DIVISION_NAME           VARCHAR2(150 CHAR),
    CREATED_BY_WID          NUMBER(10,0),
    CHANGED_BY_WID          NUMBER(10,0),
    CREATED_ON_DT           DATE,
    CHANGED_ON_DT           DATE,
    AUX1_CHANGED_ON_DT      DATE,
    AUX2_CHANGED_ON_DT      DATE,
    AUX3_CHANGED_ON_DT      DATE,
    AUX4_CHANGED_ON_DT      DATE,
    SRC_EFF_FROM_DT         DATE,
    SRC_EFF_TO_DT           DATE,
    EFFECTIVE_FROM_DT       DATE NOT NULL ENABLE,
    EFFECTIVE_TO_DT         DATE,
    DELETE_FLG              CHAR(1 CHAR),
    CURRENT_FLG             CHAR(1 CHAR),
    W_INSERT_DT             DATE,
    W_UPDATE_DT             DATE,
    DATASOURCE_NUM_ID       NUMBER(10,0) NOT NULL ENABLE,
    ETL_PROC_WID            NUMBER(10,0) NOT NULL ENABLE,
    INTEGRATION_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
    TENANT_ID               VARCHAR2(80 CHAR),
    X_CUSTOM                VARCHAR2(10 CHAR),
    BUSINESS_UNIT_WID       NUMBER(10,0),
    BUSINESS_UNIT_ID        VARCHAR2(80 CHAR),
    BUSINESS_UNIT_NAME      VARCHAR2(150 CHAR),
    DIRECTORATE_WID         NUMBER(10,0),
    DIRECTORATE_ID          VARCHAR2(80 CHAR),
    DIRECTORATE_NAME        VARCHAR2(150 CHAR),
    DEPARTMENT_WID          NUMBER(10,0),
    DEPARTMENT_ID           VARCHAR2(80 CHAR),
    DEPARTMWNT_NAME         VARCHAR2(150 CHAR)
    );
```

Mapping *SDE_ORA_DivisionDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_DIVISION_DS	INTEGRATION_ID	VARCHAR2	XXHR_DEPARTMENT_V XXHR_ORG_HIER_LKP_V	DIVISION_ID + DEPARTMENT_ID + DIRECTORATE_ID + BUSINESS_UNIT_ID
WC_DIVISION_DS	DATASOURCE_NUM_ID	NUMBER		#DATASOURCE_NUM_ID
WC_DIVISION_DS	DIVISION_ID	VARCHAR2	XXHR_DIVISION_V	DIVISION_ID
WC_DIVISION_DS	DIVISION_NAME	VARCHAR2	XXHR_DIVISION_V	DIVISION_NAME
WC_DIVISION_DS	CREATED_BY_ID	VARCHAR2	XXHR_DIVISION_V	CREATED_BY
WC_DIVISION_DS	CHANGED_BY_ID	VARCHAR2	XXHR_DIVISION_V	LAST_UPDATED_BY
WC_DIVISION_DS	CREATED_ON_DT	DATE	XXHR_DIVISION_V	CREATION_DATE
WC_DIVISION_DS	CHANGED_ON_DT	DATE	XXHR_DIVISION_V	LAST_UPDATE_DATE
WC_DIVISION_DS	AUX1_CHANGED_ON_DT	DATE	XXHR_DIVISION_V	LAST_UPDATE_DATE
WC_DIVISION_DS	AUX2_CHANGED_ON_DT	DATE		
WC_DIVISION_DS	AUX3_CHANGED_ON_DT	DATE		
WC_DIVISION_DS	AUX4_CHANGED_ON_DT	DATE		
WC_DIVISION_DS	SRC_EFF_FROM_DT	DATE	XXHR_DIVISION_V	START_DATE_ACTIVE
WC_DIVISION_DS	SRC_EFF_TO_DT	DATE	XXHR_DIVISION_V	END_DATE_ACTIVE
WC_DIVISION_DS	DELETE_FLG	CHAR	XXHR_DIVISION_V	ENABLED_FLAG
WC_DIVISION_DS	TENANT_ID	VARCHAR2		#TENANT_ID
WC_DIVISION_DS	X_CUSTOM	VARCHAR2		'0'
WC_DIVISION_DS	BUSINESS_UNIT_ID	VARCHAR2	XXHR_ORG_HIER_LKP_V	BUSINESS_UNIT_ID
WC_DIVISION_DS	DIRECTORATE_ID	VARCHAR2	XXHR_ORG_HIER_LKP_V	DIRECTORATE_ID
WC_DIVISION_DS	DEPARTMENT_ID	VARCHAR2	XXHR_ORG_HIER_LKP_V	DEPARTMENT_ID

Mapping *SIL_DivisionDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_DIVISION_D	ROW_WID	NUMBER		WC_DEPARTMENT_D_SEQ
WC_DIVISION_D	DIVISION_ID	VARCHAR2	WC_DIVISION_DS	DIVISION_ID
WC_DIVISION_D	DIVISION_NAME	VARCHAR2	WC_DIVISION_DS	DIVISION_NAME
WC_DIVISION_D	CREATED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_DIVISION_D	CHANGED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_DIVISION_D	CREATED_ON_DT	DATE	WC_DIVISION_DS	CREATED_ON_DT
WC_DIVISION_D	CHANGED_ON_DT	DATE	WC_DIVISION_DS	CHANGED_ON_DT
WC_DIVISION_D	AUX1_CHANGED_ON_DT	DATE	WC_DIVISION_DS	AUX1_CHANGED_ON_DT
WC_DIVISION_D	AUX2_CHANGED_ON_DT	DATE	WC_DIVISION_DS	AUX2_CHANGED_ON_DT

WC_DIVISION_D	AUX3_CHANGED_ON_DT	DATE	WC_DIVISION_DS	AUX3_CHANGED_ON_DT
WC_DIVISION_D	AUX4_CHANGED_ON_DT	DATE	WC_DIVISION_DS	AUX4_CHANGED_ON_DT
WC_DIVISION_D	SRC_EFF_FROM_DT	DATE	WC_DIVISION_DS	SRC_EFF_FROM_DT
WC_DIVISION_D	SRC_EFF_TO_DT	DATE	WC_DIVISION_DS	SRC_EFF_TO_DT
WC_DIVISION_D	EFFECTIVE_FROM_DT	DATE	WC_DIVISION_DS	SRC_EFF_FROM_DT
WC_DIVISION_D	EFFECTIVE_TO_DT	DATE	WC_DIVISION_DS	SRC_EFF_TO_DT
WC_DIVISION_D	DELETE_FLG	CHAR	WC_DIVISION_DS	DELETE_FLG
WC_DIVISION_D	CURRENT_FLG	CHAR		'Y'
WC_DIVISION_D	W_INSERT_DT	DATE		SESSSTARTTIME
WC_DIVISION_D	W_UPDATE_DT	DATE		SESSSTARTTIME
WC_DIVISION_D	DATASOURCE_NUM_ID	NUMBER	WC_DIVISION_DS	DATASOURCE_NUM_ID
WC_DIVISION_D	ETL_PROC_WID	NUMBER		#ETL_PROC_WID
WC_DIVISION_D	INTEGRATION_ID	VARCHAR2	WC_DIVISION_DS	INTEGRATION_ID
WC_DIVISION_D	TENANT_ID	VARCHAR2	WC_DIVISION_DS	TENANT_ID
WC_DIVISION_D	X_CUSTOM	VARCHAR2	WC_DIVISION_DS	X_CUSTOM
WC_DIVISION_D	BUSINESS_UNIT_WID	NUMBER	WC_BUSINESS_UNIT_D	ROW_WID
WC_DIVISION_D	BUSINESS_UNIT_ID	VARCHAR2	WC_DIVISION_DS	BUSINESS_UNIT_ID
WC_DIVISION_D	BUSINESS_UNIT_NAME	VARCHAR2	WC_BUSINESS_UNIT_D	BUSINESS_UNIT_NAME
WC_DIVISION_D	DIRECTORATE_WID	NUMBER	WC_DIRECTORATE_D_HR	ROW_WID
WC_DIVISION_D	DIRECTORATE_ID	VARCHAR2	WC_DIVISION_DS	DIRECTORATE_ID
WC_DIVISION_D	DIRECTORATE_NAME	VARCHAR2	WC_DIRECTORATE_D_HR	DIRECTORATE_NAME
WC_DIVISION_D	DEPARTMENT_WID	NUMBER	WC_DEPARTMENT_D	ROW_WID
WC_DIVISION_D	DEPARTMENT_ID	VARCHAR2	WC_DIVISION_DS	DEPARTMENT_ID
WC_DIVISION_D	DEPARTMWNT_NAME	VARCHAR2	WC_DEPARTMENT_D	DEPARTMWNT_NAME

4.5.5 Company Dimension

Table creation DDL script:

```
CREATE TABLE WC_COMPANY_DS
    (
        INTEGRATION_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
        DATASOURCE_NUM_ID       NUMBER(10,0) NOT NULL ENABLE,
        COMPANY_ID              VARCHAR2(80 CHAR),
        COMPANY_NAME            VARCHAR2(150 CHAR),
        CREATED_BY_ID           VARCHAR2(80 CHAR),
        CHANGED_BY_ID           VARCHAR2(80 CHAR),
        CREATED_ON_DT           DATE,
        CHANGED_ON_DT           DATE,
        AUX1_CHANGED_ON_DT      DATE,
        AUX2_CHANGED_ON_DT      DATE,
        AUX3_CHANGED_ON_DT      DATE,
        AUX4_CHANGED_ON_DT      DATE,
        SRC_EFF_FROM_DT         DATE,
        SRC_EFF_TO_DT           DATE,
        DELETE_FLG              CHAR(1 CHAR),
        TENANT_ID               VARCHAR2(80 CHAR),
        X_CUSTOM                VARCHAR2(10 CHAR),
        COMPANY_CODE            VARCHAR2(3 CHAR)
    );

CREATE TABLE WC_COMPANY_D
    (
        ROW_WID                 NUMBER(10,0) NOT NULL ENABLE,
        COMPANY_ID              VARCHAR2(80 CHAR),
        COMPANY_NAME            VARCHAR2(150 CHAR),
        CREATED_BY_WID          NUMBER(10,0),
        CHANGED_BY_WID          NUMBER(10,0),
        CREATED_ON_DT           DATE,
        CHANGED_ON_DT           DATE,
        AUX1_CHANGED_ON_DT      DATE,
        AUX2_CHANGED_ON_DT      DATE,
        AUX3_CHANGED_ON_DT      DATE,
        AUX4_CHANGED_ON_DT      DATE,
        SRC_EFF_FROM_DT         DATE,
        SRC_EFF_TO_DT           DATE,
        EFFECTIVE_FROM_DT       DATE NOT NULL ENABLE,
        EFFECTIVE_TO_DT         DATE,
        DELETE_FLG              CHAR(1 CHAR),
        CURRENT_FLG             CHAR(1 CHAR),
        W_INSERT_DT             DATE,
        W_UPDATE_DT             DATE,
        DATASOURCE_NUM_ID       NUMBER(10,0) NOT NULL ENABLE,
        ETL_PROC_WID            NUMBER(10,0) NOT NULL ENABLE,
        INTEGRATION_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
        TENANT_ID               VARCHAR2(80 CHAR),
        X_CUSTOM                VARCHAR2(10 CHAR),
        COMPANY_CODE            VARCHAR2(3 CHAR),
        GL_SEG1_SCD1_WID        NUMBER(10,0)
    );

CREATE TABLE WC_COMPANY_LKP
    (
        GL_SEGMENT1_CODE        VARCHAR2(50 CHAR),
        COMPANY_ID              VARCHAR2(80 CHAR)
    );
```

CLEARPEAKS

Mapping *SDE_ORA_CompanyDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COMPANY_DS	INTEGRATION_ID	VARCHAR2	XXHR_COMPANY_V	COMPANY_ID
WC_COMPANY_DS	DATASOURCE_NUM_ID	NUMBER		#DATASOURCE_NUM_ID
WC_COMPANY_DS	COMPANY_ID	VARCHAR2	XXHR_COMPANY_V	COMPANY_ID
WC_COMPANY_DS	COMPANY_NAME	VARCHAR2	XXHR_COMPANY_V	COMPANY_NAME
WC_COMPANY_DS	CREATED_BY_ID	VARCHAR2	XXHR_COMPANY_V	CREATED_BY
WC_COMPANY_DS	CHANGED_BY_ID	VARCHAR2	XXHR_COMPANY_V	LAST_UPDATED_BY
WC_COMPANY_DS	CREATED_ON_DT	DATE	XXHR_COMPANY_V	CREATION_DATE
WC_COMPANY_DS	CHANGED_ON_DT	DATE	XXHR_COMPANY_V	LAST_UPDATE_DATE
WC_COMPANY_DS	AUX1_CHANGED_ON_DT	DATE	XXHR_COMPANY_V	LAST_UPDATE_DATE
WC_COMPANY_DS	AUX2_CHANGED_ON_DT	DATE	XXHR_COMPANY_V	
WC_COMPANY_DS	AUX3_CHANGED_ON_DT	DATE	XXHR_COMPANY_V	
WC_COMPANY_DS	AUX4_CHANGED_ON_DT	DATE	XXHR_COMPANY_V	
WC_COMPANY_DS	SRC_EFF_FROM_DT	DATE	XXHR_COMPANY_V	START_DATE_ACTIVE
WC_COMPANY_DS	SRC_EFF_TO_DT	DATE	XXHR_COMPANY_V	ENDT_DATE_ACTIVE
WC_COMPANY_DS	DELETE_FLG	CHAR	XXHR_COMPANY_V	ENABLED_FLAG
WC_COMPANY_DS	TENANT_ID	VARCHAR2		#TENANT_ID
WC_COMPANY_DS	X_CUSTOM	VARCHAR2		'0'
WC_COMPANY_DS	COMPANY_CODE	VARCHAR2	XXHR_COMPANY_V	COMPANY_CODE

Mapping *SIL_CompanyDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COMPANY_D	ROW_WID	NUMBER		WC_COMPANY_D_SEQ
WC_COMPANY_D	COMPANY_ID	VARCHAR2	WC_COMPANY_DS	COMPANY_ID
WC_COMPANY_D	COMPANY_NAME	VARCHAR2	WC_COMPANY_DS	COMPANY_NAME
WC_COMPANY_D	CREATED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_COMPANY_D	CHANGED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_COMPANY_D	CREATED_ON_DT	DATE	WC_COMPANY_DS	CREATED_ON_DT
WC_COMPANY_D	CHANGED_ON_DT	DATE	WC_COMPANY_DS	CHANGED_ON_DT
WC_COMPANY_D	AUX1_CHANGED_ON_DT	DATE	WC_COMPANY_DS	AUX1_CHANGED_ON_DT
WC_COMPANY_D	AUX2_CHANGED_ON_DT	DATE	WC_COMPANY_DS	AUX2_CHANGED_ON_DT

WC_COMPANY_D	AUX3_CHANGED_ON_DT	DATE	WC_COMPANY_DS	AUX3_CHANGED_ON_DT
WC_COMPANY_D	AUX4_CHANGED_ON_DT	DATE	WC_COMPANY_DS	AUX4_CHANGED_ON_DT
WC_COMPANY_D	SRC_EFF_FROM_DT	DATE	WC_COMPANY_DS	SRC_EFF_FROM_DT
WC_COMPANY_D	SRC_EFF_TO_DT	DATE	WC_COMPANY_DS	SRC_EFF_TO_DT
WC_COMPANY_D	EFFECTIVE_FROM_DT	DATE	WC_COMPANY_DS	SRC_EFF_FROM_DT
WC_COMPANY_D	EFFECTIVE_TO_DT	DATE	WC_COMPANY_DS	SRC_EFF_TO_DT
WC_COMPANY_D	DELETE_FLG	CHAR	WC_COMPANY_DS	DELETE_FLG
WC_COMPANY_D	CURRENT_FLG	CHAR		'Y'
WC_COMPANY_D	W_INSERT_DT	DATE		SESSSTARTTIME
WC_COMPANY_D	W_UPDATE_DT	DATE		SESSSTARTTIME
WC_COMPANY_D	DATASOURCE_NUM_ID	NUMBER	WC_COMPANY_DS	DATASOURCE_NUM_ID
WC_COMPANY_D	ETL_PROC_WID	NUMBER		#ETL_PROC_WID
WC_COMPANY_D	INTEGRATION_ID	VARCHAR2	WC_COMPANY_DS	INTEGRATION_ID
WC_COMPANY_D	TENANT_ID	VARCHAR2	WC_COMPANY_DS	TENANT_ID
WC_COMPANY_D	X_CUSTOM	VARCHAR2	WC_COMPANY_DS	X_CUSTOM
WC_COMPANY_D	COMPANY_CODE	VARCHAR2	WC_COMPANY_DS	COMPANY_CODE
WC_COMPANY_D	GL_SEG1_SCD1_WID	NUMBER	W_GL_SEGMENT_D	SCD1_WID

4.5.6 Work Company Dimension

Table creation DDL script:

```
CREATE TABLE WC_WORK_COMPANY_DS
   (
     INTEGRATION_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
     DATASOURCE_NUM_ID       NUMBER(10,0) NOT NULL ENABLE,
     WORK_COMPANY_ID         VARCHAR2(80 CHAR),
     WORK_COMPANY_NAME       VARCHAR2(150 CHAR),
     CREATED_BY_ID           VARCHAR2(80 CHAR),
     CHANGED_BY_ID           VARCHAR2(80 CHAR),
     CREATED_ON_DT           DATE,
     CHANGED_ON_DT           DATE,
     AUX1_CHANGED_ON_DT      DATE,
     AUX2_CHANGED_ON_DT      DATE,
     AUX3_CHANGED_ON_DT      DATE,
     AUX4_CHANGED_ON_DT      DATE,
     SRC_EFF_FROM_DT         DATE,
     SRC_EFF_TO_DT           DATE,
     DELETE_FLG              CHAR(1 CHAR),
     TENANT_ID               VARCHAR2(80 CHAR),
     X_CUSTOM                VARCHAR2(10 CHAR)
   ) ;
```

```
CREATE TABLE WC_WORK_COMPANY_D
    (
        ROW_WID                  NUMBER(10,0) NOT NULL ENABLE,
        WORK_COMPANY_ID          VARCHAR2(80 CHAR),
        WORK_COMPANY_NAME        VARCHAR2(150 CHAR),
        CREATED_BY_WID           NUMBER(10,0),
        CHANGED_BY_WID           NUMBER(10,0),
        CREATED_ON_DT            DATE,
        CHANGED_ON_DT            DATE,
        AUX1_CHANGED_ON_DT       DATE,
        AUX2_CHANGED_ON_DT       DATE,
        AUX3_CHANGED_ON_DT       DATE,
        AUX4_CHANGED_ON_DT       DATE,
        SRC_EFF_FROM_DT          DATE,
        SRC_EFF_TO_DT            DATE,
        EFFECTIVE_FROM_DT        DATE NOT NULL ENABLE,
        EFFECTIVE_TO_DT          DATE,
        DELETE_FLG               CHAR(1 CHAR),
        CURRENT_FLG              CHAR(1 CHAR),
        W_INSERT_DT              DATE,
        W_UPDATE_DT              DATE,
        DATASOURCE_NUM_ID        NUMBER(10,0) NOT NULL ENABLE,
        ETL_PROC_WID             NUMBER(10,0) NOT NULL ENABLE,
        INTEGRATION_ID           VARCHAR2(80 CHAR) NOT NULL ENABLE,
        TENANT_ID                VARCHAR2(80 CHAR),
        X_CUSTOM                 VARCHAR2(10 CHAR)
    ) ;

  CREATE BITMAP INDEX "WC_WORK_COMPANY_D_M1" ON "WC_WORK_COMPANY_D"
("WORK_COMPANY_NAME")
  ;

  CREATE BITMAP INDEX "WC_WORK_COMPANY_D_M2" ON "WC_WORK_COMPANY_D"
("WORK_COMPANY_ID")
  ;

  CREATE BITMAP INDEX "WC_WORK_COMPANY_D_M3" ON "WC_WORK_COMPANY_D"
("DELETE_FLG")
  ;

  CREATE INDEX "WC_WORK_COMPANY_D_M4" ON "WC_WORK_COMPANY_D" ("ETL_PROC_WID")
  ;

  CREATE UNIQUE INDEX "WC_WORK_COMPANY_D_P1" ON "WC_WORK_COMPANY_D" ("ROW_WID")
  ;

  CREATE UNIQUE INDEX "WC_WORK_COMPANY_D_U1" ON "WC_WORK_COMPANY_D"
("INTEGRATION_ID", "DATASOURCE_NUM_ID", "EFFECTIVE_FROM_DT", "EFFECTIVE_TO_DT")
  ;
```

Mapping *SDE_ORA_WorkCompanyDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN

WC_WORK_COMPANY_DS	INTEGRATION_ID	VARCHAR2	XXHR_WRK_COMPANY_V	WORK_COMPANY_ID
WC_WORK_COMPANY_DS	DATASOURCE_NUM_ID	NUMBER		#DATASOURCE_NUM_ID
WC_WORK_COMPANY_DS	WORK_COMPANY_ID	VARCHAR2	XXHR_WRK_COMPANY_V	WORK_COMPANY_ID
WC_WORK_COMPANY_DS	WORK_COMPANY_NAME	VARCHAR2	XXHR_WRK_COMPANY_V	WORK_COMPANY_NAME
WC_WORK_COMPANY_DS	CREATED_BY_ID	VARCHAR2	XXHR_WRK_COMPANY_V	CREATED_BY
WC_WORK_COMPANY_DS	CHANGED_BY_ID	VARCHAR2	XXHR_WRK_COMPANY_V	LAST_UPDATED_BY
WC_WORK_COMPANY_DS	CREATED_ON_DT	DATE	XXHR_WRK_COMPANY_V	CREATION_DATE
WC_WORK_COMPANY_DS	CHANGED_ON_DT	DATE	XXHR_WRK_COMPANY_V	LAST_UPDATE_DATE
WC_WORK_COMPANY_DS	AUX1_CHANGED_ON_DT	DATE	XXHR_WRK_COMPANY_V	LAST_UPDATE_DATE
WC_WORK_COMPANY_DS	AUX2_CHANGED_ON_DT	DATE	XXHR_WRK_COMPANY_V	
WC_WORK_COMPANY_DS	AUX3_CHANGED_ON_DT	DATE	XXHR_WRK_COMPANY_V	
WC_WORK_COMPANY_DS	AUX4_CHANGED_ON_DT	DATE	XXHR_WRK_COMPANY_V	
WC_WORK_COMPANY_DS	SRC_EFF_FROM_DT	DATE	XXHR_WRK_COMPANY_V	START_DATE_ACTIVE
WC_WORK_COMPANY_DS	SRC_EFF_TO_DT	DATE	XXHR_WRK_COMPANY_V	ENDT_DATE_ACTIVE
WC_WORK_COMPANY_DS	DELETE_FLG	CHAR	XXHR_WRK_COMPANY_V	ENABLED_FLAG
WC_WORK_COMPANY_DS	TENANT_ID	VARCHAR2		#TENANT_ID
WC_WORK_COMPANY_DS	X_CUSTOM	VARCHAR2		'0'

Mapping *SIL_WorkCompanyDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_WORK_COMPANY_D	ROW_WID	NUMBER		WC_WORK_COMPANY_D_SEQ
WC_WORK_COMPANY_D	WORK_COMPANY_ID	VARCHAR2	WC_WORK_COMPANY_DS	WORK_COMPANY_ID
WC_WORK_COMPANY_D	WORK_COMPANY_NAME	VARCHAR2	WC_WORK_COMPANY_DS	WORK_COMPANY_NAME
WC_WORK_COMPANY_D	CREATED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_WORK_COMPANY_D	CHANGED_BY_WID	NUMBER	W_USER_D	ROW_WID
WC_WORK_COMPANY_D	CREATED_ON_DT	DATE	WC_WORK_COMPANY_DS	CREATED_ON_DT
WC_WORK_COMPANY_D	CHANGED_ON_DT	DATE	WC_WORK_COMPANY_DS	CHANGED_ON_DT
WC_WORK_COMPANY_D	AUX1_CHANGED_ON_DT	DATE	WC_WORK_COMPANY_DS	AUX1_CHANGED_ON_DT
WC_WORK_COMPANY_D	AUX2_CHANGED_ON_DT	DATE	WC_WORK_COMPANY_DS	AUX2_CHANGED_ON_DT
WC_WORK_COMPANY_D	AUX3_CHANGED_ON_DT	DATE	WC_WORK_COMPANY_DS	AUX3_CHANGED_ON_DT
WC_WORK_COMPANY_D	AUX4_CHANGED_ON_DT	DATE	WC_WORK_COMPANY_DS	AUX4_CHANGED_ON_DT
WC_WORK_COMPANY_D	SRC_EFF_FROM_DT	DATE	WC_WORK_COMPANY_DS	SRC_EFF_FROM_DT
WC_WORK_COMPANY_D	SRC_EFF_TO_DT	DATE	WC_WORK_COMPANY_DS	SRC_EFF_TO_DT
WC_WORK_COMPANY_D	EFFECTIVE_FROM_DT	DATE	WC_WORK_COMPANY_DS	SRC_EFF_FROM_DT
WC_WORK_COMPANY_D	EFFECTIVE_TO_DT	DATE	WC_WORK_COMPANY_DS	SRC_EFF_TO_DT
WC_WORK_COMPANY_D	DELETE_FLG	CHAR	WC_WORK_COMPANY_DS	DELETE_FLG

WC_WORK_COMPANY_D	CURRENT_FLG	CHAR		'Y'
WC_WORK_COMPANY_D	W_INSERT_DT	DATE		SESSSTARTTIME
WC_WORK_COMPANY_D	W_UPDATE_DT	DATE		SESSSTARTTIME
WC_WORK_COMPANY_D	DATASOURCE_NUM_ID	NUMBER	WC_WORK_COMPANY_DS	DATASOURCE_NUM_ID
WC_WORK_COMPANY_D	ETL_PROC_WID	NUMBER		#ETL_PROC_WID
WC_WORK_COMPANY_D	INTEGRATION_ID	VARCHAR2	WC_WORK_COMPANY_DS	INTEGRATION_ID
WC_WORK_COMPANY_D	TENANT_ID	VARCHAR2	WC_WORK_COMPANY_DS	TENANT_ID
WC_WORK_COMPANY_D	X_CUSTOM	VARCHAR2	WC_WORK_COMPANY_DS	X_CUSTOM

4.5.7 Organization Abbreviations Lookup

Table creation DDL script:

```
CREATE TABLE WC_ORG_ABBREVIATIONS_LKP
(
     ORG_LEVEL              VARCHAR2(100 CHAR),
     ORG_ID                 VARCHAR2(80 CHAR),
     ORG_NAME               VARCHAR2(250 CHAR),
     ORG_ABBREVIATION       VARCHAR2(20 CHAR)
) ;
```

Mapping *SDE_ORA_OrganizationAbbreviationsLookup* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_ORG_ABBREVIATIONS_LKP	ORG_LEVEL	VARCHAR2	MBC_HRBI_ORGANIZATION_ABBREVIATIONS	ORG_LEVEL
WC_ORG_ABBREVIATIONS_LKP	ORG_ID	VARCHAR2	MBC_HRBI_ORGANIZATION_ABBREVIATIONS	ORG_ID
WC_ORG_ABBREVIATIONS_LKP	ORG_NAME	VARCHAR2	MBC_HRBI_ORGANIZATION_ABBREVIATIONS	ORG_NAME
WC_ORG_ABBREVIATIONS_LKP	ORG_ABBREVIATION	VARCHAR2	MBC_HRBI_ORGANIZATION_ABBREVIATIONS	ORG_ABBREVIATION

4.5.8 Finance Target Fact

Table creation DDL script:

```
CREATE TABLE WC_FINANCE_TARGET_FS (
     YEAR                          VARCHAR2(4 CHAR),
     BUSINESS_UNIT_ID              VARCHAR2(80 CHAR),
     BUSINESS_UNIT_NAME            VARCHAR2(150 CHAR),
     DIRECTORATE_ID                VARCHAR2(80 CHAR),
     DIRECTORATE_NAME              VARCHAR2(150 CHAR),
     TARGET_AMOUNT                 NUMBER(10,2),
     INTEGRATION_ID                VARCHAR2(80 CHAR) NOT NULL ENABLE,
     DATASOURCE_NUM_ID             NUMBER(10,0) NOT NULL ENABLE,
     TENANT_ID                     VARCHAR2(80 CHAR),
     X_CUSTOM                      VARCHAR2(10 CHAR)
);

CREATE TABLE WC_FINANCE_TARGET_F (
     MONTH_WID                     NUMBER(10,0),
     BUDGET_PERIOD_WID             NUMBER(15,0),
     DIRECTORATE_WID               NUMBER(10,0),
     MONTH_TARGET_AMOUNT           NUMBER(10,2),
     QTR_TARGET_AMOUNT             NUMBER(10,2),
     YEAR_TARGET_AMOUNT            NUMBER(10,2),
     INTEGRATION_ID                VARCHAR2(80 CHAR) NOT NULL ENABLE,
     DATASOURCE_NUM_ID             NUMBER(10,0) NOT NULL ENABLE,
     TENANT_ID                     VARCHAR2(80 CHAR),
     X_CUSTOM                      VARCHAR2(10 CHAR)
);
```

Mapping *SDE_ORA_FinanceTargetFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_FINANCE_TARGET_FS	YEAR	VARCHAR2	MBC_HRBI_FINANCE_TARGET	YEAR
WC_FINANCE_TARGET_FS	BUSINESS_UNIT_ID	VARCHAR2	MBC_HRBI_FINANCE_TARGET	BUSINESS_UNIT_ID
WC_FINANCE_TARGET_FS	BUSINESS_UNIT_NAME	VARCHAR2	MBC_HRBI_FINANCE_TARGET	BUSINESS_UNIT_NAME
WC_FINANCE_TARGET_FS	DIRECTORATE_ID	VARCHAR2	MBC_HRBI_FINANCE_TARGET	DIRECTORATE_ID
WC_FINANCE_TARGET_FS	DIRECTORATE_NAME	VARCHAR2	MBC_HRBI_FINANCE_TARGET	DIRECTORATE_NAME
WC_FINANCE_TARGET_FS	TARGET_AMOUNT	NUMBER	MBC_HRBI_FINANCE_TARGET	TARGET_AMOUNT
WC_FINANCE_TARGET_FS	INTEGRATION_ID	VARCHAR2	MBC_HRBI_FINANCE_TARGET	YEAR + BUSINESS_UNIT_ID + DIRECTORATE_ID
WC_FINANCE_TARGET_FS	DATASOURCE_NUM_ID	NUMBER		#DATASOURCE_NUM_ID
WC_FINANCE_TARGET_FS	TENANT_ID	VARCHAR2		#TENANT_ID
WC_FINANCE_TARGET_FS	X_CUSTOM	VARCHAR2		'0'

Mapping *SIL_FinanceTargetFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_FINANCE_TARGET_F	MONTH_WID	NUMBER	W_MONTH_D	ROW_WID
WC_FINANCE_TARGET_F	BUDGET_PERIOD_WID	NUMBER	W_MCAL_PERIOD_D	ROW_WID

WC_FINANCE_TARGET_F	DIRECTORATE_WID	NUMBER	WC_DIRECTORATE_D_HR	ROW_WID
WC_FINANCE_TARGET_F	MONTH_TARGET_AMOUNT	NUMBER	**WC_FINANCE_TARGET_FS**	TARGET_AMOUNT / 12
WC_FINANCE_TARGET_F	QTR_TARGET_AMOUNT	NUMBER	**WC_FINANCE_TARGET_FS**	TARGET_AMOUNT / 4
WC_FINANCE_TARGET_F	YEAR_TARGET_AMOUNT	NUMBER	**WC_FINANCE_TARGET_FS**	TARGET_AMOUNT
WC_FINANCE_TARGET_F	INTEGRATION_ID	VARCHAR2	**WC_FINANCE_TARGET_FS**	INTEGRATION_ID
WC_FINANCE_TARGET_F	DATASOURCE_NUM_ID	NUMBER	**WC_FINANCE_TARGET_FS**	DATASOURCE_NUM_ID
WC_FINANCE_TARGET_F	TENANT_ID	VARCHAR2	**WC_FINANCE_TARGET_FS**	TENANT_ID
WC_FINANCE_TARGET_F	X_CUSTOM	VARCHAR2	**WC_FINANCE_TARGET_FS**	X_CUSTOM

4.5.9   GL Segment3 Lookup

Table creation DDL script:

```
CREATE TABLE WC_GL_SEGMENT3_GROUPS_LKP
   (  GL_SEGMENT3_LEVEL1          VARCHAR2(250 CHAR),
      GL_SEGMENT3_LEVEL1_SORT     VARCHAR2(2 BYTE),
      GL_SEGMENT3_LEVEL1_GROUP    CHAR(1 BYTE),
      GL_SEGMENT3_LEVEL2          VARCHAR2(250 CHAR),
      GL_SEGMENT3_LEVEL2_SORT     VARCHAR2(2 BYTE),
      GL_SEGMENT3_LEVEL2_GROUP    CHAR(1 BYTE),
      GL_SEGMENT3_LEVEL3          VARCHAR2(250 CHAR),
      GL_SEGMENT3_LEVEL3_SORT     VARCHAR2(2 BYTE),
      GL_SEGMENT3_LEVEL3_GROUP    CHAR(1 BYTE),
      GL_SEGMENT3_LEVEL4          VARCHAR2(250 CHAR),
      GL_SEGMENT3_LEVEL4_SORT     VARCHAR2(2 BYTE),
      GL_SEGMENT3_LEVEL4_GROUP    CHAR(1 BYTE),
      GL_SEGMENT3_LEVEL5          VARCHAR2(250 CHAR),
      GL_SEGMENT3_LEVEL5_SORT     VARCHAR2(2 BYTE),
      GL_SEGMENT3_LEVEL5_GROUP    CHAR(1 BYTE),
      GL_SEGMENT3_LEVEL6          VARCHAR2(250 CHAR),
      GL_SEGMENT3_LEVEL6_SORT     VARCHAR2(2 BYTE),
      GL_SEGMENT3_LEVEL6_GROUP    CHAR(1 BYTE),
      GL_SEGMENT3_CODE_FROM       VARCHAR2(50 CHAR),
      GL_SEGMENT3_CODE_TO         VARCHAR2(50 CHAR)
   );
```

4.5.10 GL Balance Temporary Fact

Table creation DDL script:

```
CREATE TABLE WC_GL_BALANCE_FS_TMP
    (
        LEDGER_ID                       VARCHAR2(80 CHAR),
        GL_ACCOUNT_WID                  NUMBER(10,0),
        PROFIT_CENTER_NUM               VARCHAR2(50 CHAR),
        PROFIT_CENTER_ATTRIB            VARCHAR2(50 CHAR),
        PROFIT_CENTER_ID                VARCHAR2(80 CHAR),
        COST_CENTER_NUM                 VARCHAR2(50 CHAR),
        COST_CENTER_ATTRIB              VARCHAR2(50 CHAR),
        COST_CENTER_ID                  VARCHAR2(80 CHAR),
        BALANCING_SEGMENT_NUM           VARCHAR2(50 CHAR),
        BALANCING_SEGMENT_ATTRIB        VARCHAR2(50 CHAR),
        BALANCING_SEGMENT_ID            VARCHAR2(80 CHAR),
        NATURAL_ACCOUNT_NUM             VARCHAR2(50 CHAR),
        NATURAL_ACCOUNT_ATTRIB          VARCHAR2(50 CHAR),
        NATURAL_ACCOUNT_ID              VARCHAR2(80 CHAR),
        MANAGEMENT_SEGMENT_NUM          VARCHAR2(50 CHAR),
        COMPANY_ORG_ID                  VARCHAR2(80 CHAR),
        BUSN_AREA_ORG_WID               NUMBER(10,0),
        CODE_COMBINATION_ID             VARCHAR2(80 CHAR),
        BALANCE_DATE                    DATE,
        BALANCE_DT_WID                  NUMBER(15,0),
        DB_CR_IND                       VARCHAR2(10 CHAR),
        BALANCE_TYPE_FLAG               VARCHAR2(1 CHAR),
        TRANSLATED_FLAG                 VARCHAR2(1 CHAR),
        LOC_CURR_CODE                   VARCHAR2(30 CHAR),
        ACCT_CURR_CODE                  VARCHAR2(30 CHAR),
        SUMMARY_ACCOUNT_FLAG            VARCHAR2(1 CHAR),
        INTEGRATION_ID                  VARCHAR2(150 CHAR),
        DATASOURCE_NUM_ID               NUMBER(10,0),
        TENANT_ID                       VARCHAR2(80 CHAR),
        X_CUSTOM                        VARCHAR2(10 CHAR),
        BALANCE_ACCT_AMT                NUMBER(28,10),
        ACTIVITY_ACCT_AMT               NUMBER(28,10),
        BALANCE_LOC_AMT                 NUMBER(28,10),
        ACTIVITY_LOC_AMT                NUMBER(28,10),
        LAST_UPDATE_DATE                DATE,
        AUX1_CHANGED_ON_DT              DATE,
        AUX2_CHANGED_ON_DT              DATE,
        AUX3_CHANGED_ON_DT              DATE,
        AUX4_CHANGED_ON_DT              DATE,
        ADJUSTMENT_FLAG                 VARCHAR2(1 CHAR),
        MCAL_CAL_WID                    NUMBER(10,0),
        GL_SEGMENT1_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT2_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT3_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT4_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT5_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT6_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT7_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT8_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT9_ID                  VARCHAR2(200 CHAR),
        GL_SEGMENT10_ID                 VARCHAR2(200 CHAR),
        BALANCE_TYPE_WID                NUMBER(10,0),
        FINANCIAL_GL_FLG                VARCHAR2(1 CHAR),
        CARRY_FORWARD_ACCT_AMT          NUMBER(28,10),
        CARRY_FORWARD_LOC_AMT           NUMBER(28,10),
        BUDGETARY_CONTROL_FLG           VARCHAR2(1 CHAR),
        BALANCE_ID                      VARCHAR2(240 CHAR),
        SEG_PROJECT_ID                  VARCHAR2(200 CHAR),
        SEG_PROGRAM_ID                  VARCHAR2(200 CHAR),
        BUDGET_WID                      NUMBER(10,0),
        BUDGET_LEDGER_ID                VARCHAR2(80 CHAR),
        BUDGET_PERIOD_WID               NUMBER(15,0),
        BUDGET_MCAL_CAL_WID             NUMBER(10,0)
    );
```

4.5.11 Qualification Type Dimension

Table creation DDL script:

```
CREATE TABLE WC_QUALIFICATION_TYPES_DS
    (
        QUALIFICATION_TYPE_ID   NUMBER,
        NAME                    VARCHAR2(150 BYTE),
        CATEGORY                VARCHAR2(30 BYTE),
        RANK                    NUMBER
    );

CREATE TABLE WC_QUALIFICATION_TYPES_D
    (
        QUALIFICATION_TYPE_ID   NUMBER(10,0),
        NAME                    VARCHAR2(150 BYTE),
        CATEGORY                VARCHAR2(30 BYTE),
        RANK                    NUMBER(10,0),
        ROW_WID                 NUMBER(10,0)
    );
```

Mapping *SDE_ORA_QualificationTypesDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_QUALIFICATION_TYPES_DS	QUALIFICATION_TYPE_ID	NUMBER(10,0)	PER_QUALIFICATION_TYPES	QUALIFICATION_TYPE_ID
WC_QUALIFICATION_TYPES_DS	NAME	VARCHAR2(150 BYTE)	PER_QUALIFICATION_TYPES	NAME
WC_QUALIFICATION_TYPES_DS	CATEGORY	VARCHAR@(150 BYTE)	PER_QUALIFICATION_TYPES	CATEGORY
WC_QUALIFICATION_TYPES_DS	RANK	NUMBER(10, 0)	PER_QUALIFICATION_TYPES	RANK

Mapping *SIL_QualificationTypesDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_QUALIFICATION_TYPES_D	QUALIFICATION_TYPE_ID	NUMBER(10,0)	WC_QUALIFICATION_TYPES_DS	QUALIFICATION_TYPE_ID
WC_QUALIFICATION_TYPES_D	NAME	VARCHAR2(150 BYTE)	WC_QUALIFICATION_TYPES_DS	NAME
WC_QUALIFICATION_TYPES_D	CATEGORY	VARCHAR@(150 BYTE)	WC_QUALIFICATION_TYPES_DS	CATEGORY
WC_QUALIFICATION_TYPES_D	RANK	NUMBER(10, 0)	WC_QUALIFICATION_TYPES_DS	RANK
WC_QUALIFICATION_TYPES_D	ROW_WID	NUMBER(10,0)	WC_QUALIFICATION_TYPES_D_SEQ	NEXT_VALUE

4.5.12 Employee Qualification Dimension

Table creation DDL script:

CLEARPEAKS

```
CREATE TABLE WC_EMPLOYEE_QUALIFICATION_DS
    (
        QUALIFICATION_ID        NUMBER(9,0),
        TITLE                   VARCHAR2(120 BYTE),
        AWARDED_DATE            DATE,
        QUALIFICATION_TYPE_ID   NUMBER(9,0),
        BUSINESS_GROUP_ID       NUMBER(15,0),
        PERSON_ID               NUMBER(10,0),
        PARTY_ID                NUMBER(15,0),
        LAST_UPDATE_DATE        DATE,
        LAST_UPDATED_BY         NUMBER(15,0),
        CREATED_BY              NUMBER(15,0),
        CREATION_DATE           DATE,
        DATASOURCE_NUM_ID       NUMBER,
        INTEGRATION_ID          VARCHAR2(255 CHAR),
        TENANT_ID               VARCHAR2(255 CHAR)
    );

CREATE TABLE WC_EMPLOYEE_QUALIFICATION_D
    (
        QUALIFICATION_ID        NUMBER(9,0),
        TITLE                   VARCHAR2(120 BYTE),
        AWARDED_DATE            DATE,
        QUALIFICATION_TYPE_ID   NUMBER(9,0),
        BUSINESS_GROUP_ID       NUMBER(15,0),
        PERSON_ID               NUMBER(10,0),
        PARTY_ID                NUMBER(15,0),
        LAST_UPDATE_DATE        DATE,
        LAST_UPDATED_BY         NUMBER(15,0),
        CREATED_BY              NUMBER(15,0),
        CREATION_DATE           DATE,
        DATASOURCE_NUM_ID       NUMBER,
        INTEGRATION_ID          VARCHAR2(255 CHAR),
        TENANT_ID               VARCHAR2(255 CHAR),
        QUALIFICATION_TYPE_WID  NUMBER(10,0)
    );
```

Mapping *SDE_ORA_EmployeeQualificationDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMPLOYEE_QUALIFICATION_DS	QUALIFICATION_ID	NUMBER(10,0)	PER_QUALIFICATIONS	QUALIFICATION_ID
WC_EMPLOYEE_QUALIFICATION_DS	TITLE	VARCHAR2(150 BYTE)	PER_QUALIFICATIONS	TITLE
WC_EMPLOYEE_QUALIFICATION_DS	AWARDED_DATE	DATE	PER_QUALIFICATIONS	AWARDED_DATE
WC_EMPLOYEE_QUALIFICATION_DS	QUALIFICATION_TYPE_ID	NUMBER(9,0)	PER_QUALIFICATIONS	QUALIFICATION_TYPE_ID
WC_EMPLOYEE_QUALIFICATION_DS	BUSINESS_GROUP_ID	NUMBER(15,0)	PER_QUALIFICATIONS	BUSINESS_GROUP_ID
WC_EMPLOYEE_QUALIFICATION_DS	PERSON_ID	NUMBER(10,0)	PER_QUALIFICATIONS	PERSON_ID
WC_EMPLOYEE_QUALIFICATION_DS	PARTY_ID	NUMBER(15,0)	PER_QUALIFICATIONS	PARTY_ID
WC_EMPLOYEE_QUALIFICATION_DS	LAST_UPDATE_DATE	DATE	PER_QUALIFICATIONS	LAST_UPDATE_DATE
WC_EMPLOYEE_QUALIFICATION_DS	LAST_UPDATED_BY	NUMBER(15,0)	PER_QUALIFICATIONS	LAST_UPDATED_BY

WC_EMPLOYEE_QUALIFICATION_DS	CREATION_DATE	DATE	PER_QUALIFICATIONS	CREATION_DATE
WC_EMPLOYEE_QUALIFICATION_DS	CREATED_BY	NUMBER(15,0)	PER_QUALIFICATIONS	CREATED_BY
WC_EMPLOYEE_QUALIFICATION_DS	INTEGRATION_ID	VARCHAR2(255 CHAR)	PER_QUALIFICATIONS	'PER~' || PER_QUALIFICATIONS.PERSON_ID || '-QID-'|| PER_QUALIFICATIONS.QUALIFICATION_ID
WC_EMPLOYEE_QUALIFICATION_DS	DATASOURCE_NUM_ID	NUMBER(10,0)	PER_QUALIFICATIONS	#DATASOURCE_NUM_ID
WC_EMPLOYEE_QUALIFICATION_DS	TENANT_ID	VARCHAR2(255 CHAR)	PER_QUALIFICATIONS	'#TENANT_ID'

Mapping *SIL_EmployeeQualificationDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMPLOYEE_QUALIFICATION_D	QUALIFICATION_ID	NUMBER(10,0)	PER_QUALIFICATIONS	QUALIFICATION_ID
WC_EMPLOYEE_QUALIFICATION_D	TITLE	VARCHAR2(150 BYTE)	PER_QUALIFICATIONS	TITLE
WC_EMPLOYEE_QUALIFICATION_D	AWARDED_DATE	DATE	PER_QUALIFICATIONS	AWARDED_DATE
WC_EMPLOYEE_QUALIFICATION_D	QUALIFICATION_TYPE_ID	NUMBER(9,0)	PER_QUALIFICATIONS	QUALIFICATION_TYPE_ID
WC_EMPLOYEE_QUALIFICATION_D	QUALIFICATIONTYPE_WID	NUMBER(10,0)	LKP_QUALIFICATION_TYPES_D	ROW_WID
WC_EMPLOYEE_QUALIFICATION_D	BUSINESS_GROUP_ID	NUMBER(15,0)	PER_QUALIFICATIONS	BUSINESS_GROUP_ID
WC_EMPLOYEE_QUALIFICATION_D	PERSON_ID	NUMBER(10,0)	PER_QUALIFICATIONS	PERSON_ID
WC_EMPLOYEE_QUALIFICATION_D	PARTY_ID	NUMBER(15,0)	PER_QUALIFICATIONS	PARTY_ID
WC_EMPLOYEE_QUALIFICATION_D	LAST_UPDATE_DATE	DATE	PER_QUALIFICATIONS	LAST_UPDATE_DATE
WC_EMPLOYEE_QUALIFICATION_D	LAST_UPDATED_BY	NUMBER(15,0)	PER_QUALIFICATIONS	LAST_UPDATED_BY
WC_EMPLOYEE_QUALIFICATION_D	CREATION_DATE	DATE	PER_QUALIFICATIONS	CREATION_DATE
WC_EMPLOYEE_QUALIFICATION_D	CREATED_BY	NUMBER(15,0)	PER_QUALIFICATIONS	CREATED_BY
WC_EMPLOYEE_QUALIFICATION_D	INTEGRATION_ID	VARCHAR2(255 CHAR)	PER_QUALIFICATIONS	INTEGRATION_ID
WC_EMPLOYEE_QUALIFICATION_D	DATASOURCE_NUM_ID	NUMBER(10,0)	PER_QUALIFICATIONS	DATASOURCE_NUM_ID
WC_EMPLOYEE_QUALIFICATION_D	TENANT_ID	VARCHAR2(255 CHAR)	PER_QUALIFICATIONS	TENANT_ID

4.5.13 Employee Qualification Fact

Table creation DDL script:

```
CREATE TABLE WC_EMP_QUALFCTN_FS
  (
    QUALIFICATION_TYPE_ID        NUMBER(10,0),
    QUALIFICATION_RANK           NUMBER(10,0),
    QUALIFICATION_ID             NUMBER(10,0),
    BUSINESS_GROUP_ID            NUMBER(10,0),
    PERSON_ID                    NUMBER(10,0),
    PARTY_ID                     NUMBER(10,0),
    AWARDED_DT                   DATE,
    CREATED_BY_ID                NUMBER(10,0),
    CREATION_DT                  DATE,
    CHANGED_BY_ID                NUMBER(10,0),
    CHANGED_DT                   DATE,
    AUX1_CHANGED_ON_DT           DATE,
    AUX2_CHANGED_ON_DT           DATE,
    AUX3_CHANGED_ON_DT           DATE,
    AUX4_CHANGED_ON_DT           DATE,
    DELETE_FLG                   CHAR(1 CHAR),
    DATASOURCE_NUM_ID            NUMBER(10,0),
    INTEGRATION_ID               VARCHAR2(80 CHAR),
    TENANT_ID                    VARCHAR2(80 CHAR)
  );

CREATE TABLE WC_EMP_QUALFCTN_F
  (
    QUALIFICATION_WID            NUMBER(10,0),
    QUALIFICATION_TYPE_WID       NUMBER(10,0),
    PERSON_WID                   VARCHAR2(20 BYTE),
    PARTY_WID                    VARCHAR2(20 BYTE),
    QUALIFICATION_RANK           NUMBER(10,0),
    QUALIFICATION_AWARD_DT_WID   NUMBER(10,0),
    ETL_PROC_WID                 NUMBER(10,0),
    DATASOURCE_NUM_WID           NUMBER(10,0),
    TENANT_WID                   VARCHAR2(255 BYTE),
    EMPLOYEE_WID                 NUMBER(10,0),
    W_INSERT_DT                  DATE,
    W_UPDATE_DT                  DATE,
    DATASOURCE_NUM_ID            NUMBER(10,0),
    INTEGRATION_ID               VARCHAR2(80 BYTE)
  );
```

Mapping *SDE_ORA_EmployeeQualificationFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMP_QUALFCTN_FS	QUALIFICATION_ID	NUMBER(10,0)	PER_QUALIFICATIONS	QUALIFICATION_ID
WC_EMP_QUALFCTN_FS	AWARDED_DT	DATE	PER_QUALIFICATIONS	AWARDED_DATE
WC_EMP_QUALFCTN_FS	QUALIFICATION_TYPE_ID	NUMBER(9,0)	PER_QUALIFICATION_TYPES	QUALIFICATION_TYPE_ID
WC_EMP_QUALFCTN_FS	QUALIFICATION_RANK	NUMBER(9,0)	PER_QUALIFICATION_TYPES	RANK
WC_EMP_QUALFCTN_FS	BUSINESS_GROUP_ID	NUMBER(15,0)	PER_QUALIFICATIONS	BUSINESS_GROUP_ID
WC_EMP_QUALFCTN_FS	PERSON_ID	NUMBER(10,0)	PER_QUALIFICATIONS	PERSON_ID
WC_EMP_QUALFCTN_FS	PARTY_ID	NUMBER(15,0)	PER_QUALIFICATIONS	PARTY_ID

WC_EMP_QUALFCTN_FS	LAST_UPDATE_DT	DATE	PER_QUALIFICATIONS	LAST_UPDATE_DATE
WC_EMP_QUALFCTN_FS	LAST_UPDATED_BY	NUMBER(15,0)	PER_QUALIFICATIONS	LAST_UPDATED_BY
WC_EMP_QUALFCTN_FS	CREATION_DT	DATE	PER_QUALIFICATIONS	CREATION_DATE
WC_EMP_QUALFCTN_FS	CREATED_BY	NUMBER(15,0)	PER_QUALIFICATIONS	CREATED_BY
WC_EMP_QUALFCTN_FS	DATASOURCE_NUM_ID	NUMBER(10,0)	PER_QUALIFICATIONS	#DATASOURCE_NUM_ID
WC_EMP_QUALFCTN_FS	TENANT_ID	VARCHAR2(255 CHAR)	PER_QUALIFICATIONS	'#TENANT_ID'
WC_EMP_QUALFCTN_FS	INTEGRATION_ID	VARCHAR2(255 CHAR)	COMPOSITE	EMPSQL.QUALIFICATION_ID || '~' || EMPSQL.QUALIFICATION_TYPE_ID || '~' || EMPSQL.PERSON_ID

Mapping *SIL_EmployeeQualificationFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMP_QUALFCTN_F	QUALIFICATION_ID	NUMBER(10,0)	WC_EMP_QUALFCTN_FS	QUALIFICATION_ID
WC_EMP_QUALFCTN_F	QUALIFICATION_RANK	NUMBER9,0)	WC_EMP_QUALFCTN_FS	QUALIFICATION_RANK
WC_EMP_QUALFCTN_F	AWARDED_DT	DATE	WC_EMP_QUALFCTN_FS	AWARDED_DT
WC_EMP_QUALFCTN_F	QUALIFICATION_AWARD_DT_WID	NUMBER(10,0)	FORMULA	CALCULATE_DT_WID_DFLT (EMPQF.AWARDED_DT,0)
WC_EMP_QUALFCTN_F	QUALIFICATION_TYPE_ID	NUMBER(9,0)	WC_EMP_QUALFCTN_FS	QUALIFICATION_TYPE_ID
WC_EMP_QUALFCTN_F	QUALIFICATIONTYPE_WID	NUMBER(10,0)	WC_QUALIFICATION_TYPES_D	ROW_WID
WC_EMP_QUALFCTN_F	PERSON_WID	NUMBER(10,0)	W_HR_PERSON_D	ROW_WID
WC_EMP_QUALFCTN_F	EMPLOYEE_WID	NUMBER(15,0)	W_HR_PERSON_D	EMPLOYEE_WID
WC_EMP_QUALFCTN_F	LAST_UPDATE_DT	DATE	WC_EMP_QUALFCTN_FS	LAST_UPDATE_DATE
WC_EMP_QUALFCTN_F	LAST_UPDATED_BY	NUMBER(15,0)	WC_EMP_QUALFCTN_FS	LAST_UPDATED_BY
WC_EMP_QUALFCTN_F	CREATION_DT	DATE	WC_EMP_QUALFCTN_FS	CREATION_DATE
WC_EMP_QUALFCTN_F	CREATED_BY	NUMBER(15,0)	WC_EMP_QUALFCTN_FS	CREATED_BY
WC_EMP_QUALFCTN_F	INTEGRATION_ID	VARCHAR2(255 CHAR)	WC_EMP_QUALFCTN_FS	INTEGRATION_ID
WC_EMP_QUALFCTN_F	DATASOURCE_NUM_ID	NUMBER(10,0)	WC_EMP_QUALFCTN_FS	DATASOURCE_NUM_ID
WC_EMP_QUALFCTN_F	TENANT_ID	VARCHAR2(255 CHAR)	WC_EMP_QUALFCTN_FS	TENANT_ID
WC_EMP_QUALFCTN_F	ETL_PROC_WID	NUMBER(10,0)	GLOBAL VARIABLE	#ETL_PROC_WID
WC_EMP_QUALFCTN_F	W_INSERT_DT	DATE	SESSION VARIABLE	SESSSTARTTIME
WC_EMP_QUALFCTN_F	W_UPDATE_DT	DATE	SESSION VARIABLE	SESSSTARTTIME

4.5.14 Payroll Pay Element Types Dimension

Table creation DDL script:

```
CREATE TABLE WC_PAY_ELEMENT_TYPES_DS
    (
    PAY_ELEMENT_CODE              VARCHAR2(255 CHAR),
    PAY_ELEMENT_NAME              VARCHAR2(255 CHAR),
    BUSINESS_GROUP_ID             NUMBER(15,0),
    EFFECTIVE_START_DT            DATE,
    EFFECTIVE_END_DT              DATE,
    INPUT_CURRENCY_CODE           VARCHAR2(50 CHAR),
    OUTPUT_CURRENCY_CODE          VARCHAR2(50 CHAR),
    CREATED_BY_ID                 VARCHAR2(80 CHAR),
    CHANGED_BY_ID                 VARCHAR2(80 CHAR),
    CREATED_ON_DT                 DATE,
    CHANGED_ON_DT                 DATE,
    AUX1_CHANGED_ON_DT            DATE,
    AUX2_CHANGED_ON_DT            DATE,
    AUX3_CHANGED_ON_DT            DATE,
    AUX4_CHANGED_ON_DT            DATE,
    DELETE_FLG                    CHAR(1 CHAR),
    DATASOURCE_NUM_ID             NUMBER(10,0),
    INTEGRATION_ID                VARCHAR2(80 CHAR),
    TENANT_ID                     VARCHAR2(80 CHAR),
    PAY_ELEMENT_REPORTING_NAME    VARCHAR2(255 CHAR),
    PAY_ELEMENT_LEGISLATION_CODE  VARCHAR2(30 CHAR),
    PAY_CLASSIF_ID                NUMBER(10,0),
    PAY_CLASSIF_NAME              VARCHAR2(80 CHAR),
    PAY_CLASSIF_DESCRIPTION       VARCHAR2(80 CHAR),
    PAY_CLASSIF_LEGISLATION_CODE  VARCHAR2(30 CHAR),
    PAY_CLASSIF_DEBIT_CREDIT_FLG  VARCHAR2(30 CHAR)
    );

CREATE TABLE WC_PAY_ELEMENT_TYPES_D
    (
    ROW_WID                       NUMBER(10,0),
    PAY_ELEMENT_CODE              VARCHAR2(255 CHAR),
    PAY_ELEMENT_NAME              VARCHAR2(255 CHAR),
    BUSINESS_GROUP_ID             NUMBER(15,0),
    EFFECTIVE_START_DT            DATE,
    EFFECTIVE_END_DT              DATE,
    INPUT_CURRENCY_CODE           VARCHAR2(50 CHAR),
    OUTPUT_CURRENCY_CODE          VARCHAR2(50 CHAR),
    CREATED_BY_ID                 VARCHAR2(80 CHAR),
    CHANGED_BY_ID                 VARCHAR2(80 CHAR),
    CREATED_ON_DT                 DATE,
    CHANGED_ON_DT                 DATE,
    AUX1_CHANGED_ON_DT            DATE,
    AUX2_CHANGED_ON_DT            DATE,
    AUX3_CHANGED_ON_DT            DATE,
    AUX4_CHANGED_ON_DT            DATE,
    DELETE_FLG                    CHAR(1 CHAR),
    DATASOURCE_NUM_ID             NUMBER(10,0),
    INTEGRATION_ID                VARCHAR2(80 CHAR),
    TENANT_ID                     VARCHAR2(80 CHAR),
    PAY_ELEMENT_REPORTING_NAME    VARCHAR2(255 CHAR),
    PAY_ELEMENT_LEGISLATION_CODE  VARCHAR2(30 CHAR),
    PAY_CLASSIF_ID                NUMBER(10,0),
    PAY_CLASSIF_NAME              VARCHAR2(80 CHAR),
    PAY_CLASSIF_DESCRIPTION       VARCHAR2(80 CHAR),
    PAY_CLASSIF_LEGISLATION_CODE  VARCHAR2(30 CHAR),
    PAY_CLASSIF_DEBIT_CREDIT_FLG  VARCHAR2(30 CHAR)
    );
```

Mapping *SDE_ORA_PayElementTypesDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_PAY_ELEMENT_TYPES_DS	BUSINESS_GROUP_ID	NUMBER(15,0)		
WC_PAY_ELEMENT_TYPES_DS	EFFECTIVE_START_DT	DATE		
WC_PAY_ELEMENT_TYPES_DS	EFFECTIVE_END_DT	DATE		
WC_PAY_ELEMENT_TYPES_DS	INPUT_CURRENCY_CODE	VARCHAR2(50)		
WC_PAY_ELEMENT_TYPES_DS	OUTPUT_CURRENCY_CODE	VARCHAR2(50)		
WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_DEBIT_CREDIT_FLG	VARCHAR2(30)		
WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_DESCRIPTION	VARCHAR2(80)		
WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_ID	NUMBER(10)		
WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_LEGISLATION_CODE	VARCHAR2(30)		
WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_NAME	VARCHAR2(80)		
WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_CODE	VARCHAR2(255)		
WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_LEGISLATION_CODE	VARCHAR2(30)		
WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_NAME	VARCHAR2(255)		
WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_REPORTING_NAME	VARCHAR2(255)		
WC_PAY_ELEMENT_TYPES_DS	DATASOURCE_NUM_ID	NUMBER(10,0)		
WC_PAY_ELEMENT_TYPES_DS	INTEGRATION_ID	VARCHAR2(80)		
WC_PAY_ELEMENT_TYPES_DS	TENANT_ID	VARCHAR2(80)		
WC_PAY_ELEMENT_TYPES_DS	DELETE_FLG	CHAR(1)		
WC_PAY_ELEMENT_TYPES_DS	CHANGED_BY_ID	VARCHAR2(80)		
WC_PAY_ELEMENT_TYPES_DS	CHANGED_ON_DT	DATE		
WC_PAY_ELEMENT_TYPES_DS	CREATED_BY_ID	VARCHAR2(80)		
WC_PAY_ELEMENT_TYPES_DS	CREATED_ON_DT	DATE		
WC_PAY_ELEMENT_TYPES_DS	AUX1_CHANGED_ON_DT	DATE		
WC_PAY_ELEMENT_TYPES_DS	AUX2_CHANGED_ON_DT	DATE		
WC_PAY_ELEMENT_TYPES_DS	AUX3_CHANGED_ON_DT	DATE		
WC_PAY_ELEMENT_TYPES_DS	AUX4_CHANGED_ON_DT	DATE		

Mapping *SIL_PayElementTypesDimension* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_PAY_ELEMENT_TYPES_D	ROW_WID	NUMBER(10,0)	WC_PAY_ELEMENT_TYPES_D_SEQ	NEXT_VAL
WC_PAY_ELEMENT_TYPES_D	BUSINESS_GROUP_ID	NUMBER(15,0)	WC_PAY_ELEMENT_TYPES_DS	BUSINESS_GROUP_ID
WC_PAY_ELEMENT_TYPES_D	EFFECTIVE_START_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	EFFECTIVE_START_DT
WC_PAY_ELEMENT_TYPES_D	EFFECTIVE_END_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	EFFECTIVE_END_DT
WC_PAY_ELEMENT_TYPES_D	INPUT_CURRENCY_CODE	VARCHAR2(50)	WC_PAY_ELEMENT_TYPES_DS	INPUT_CURRENCY_CODE

WC_PAY_ELEMENT_TYPES_D	OUTPUT_CURRENCY_CODE	VARCHAR2(50)	WC_PAY_ELEMENT_TYPES_DS	OUTPUT_CURRENCY_CODE
WC_PAY_ELEMENT_TYPES_D	PAY_CLASSIF_DEBIT_CREDIT_FLG	VARCHAR2(30)	WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_DEBIT_CREDIT_FLG
WC_PAY_ELEMENT_TYPES_D	PAY_CLASSIF_DESCRIPTION	VARCHAR2(80)	WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_DESCRIPTION
WC_PAY_ELEMENT_TYPES_D	PAY_CLASSIF_ID	NUMBER(10)	WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_ID
WC_PAY_ELEMENT_TYPES_D	PAY_CLASSIF_LEGISLATION_CODE	VARCHAR2(30)	WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_LEGISLATION_CODE
WC_PAY_ELEMENT_TYPES_D	PAY_CLASSIF_NAME	VARCHAR2(80)	WC_PAY_ELEMENT_TYPES_DS	PAY_CLASSIF_NAME
WC_PAY_ELEMENT_TYPES_D	PAY_ELEMENT_CODE	VARCHAR2(255)	WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_CODE
WC_PAY_ELEMENT_TYPES_D	PAY_ELEMENT_LEGISLATION_CODE	VARCHAR2(30)	WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_LEGISLATION_CODE
WC_PAY_ELEMENT_TYPES_D	PAY_ELEMENT_NAME	VARCHAR2(255)	WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_NAME
WC_PAY_ELEMENT_TYPES_D	PAY_ELEMENT_REPORTING_NAME	VARCHAR2(255)	WC_PAY_ELEMENT_TYPES_DS	PAY_ELEMENT_REPORTING_NAME
WC_PAY_ELEMENT_TYPES_D	DATASOURCE_NUM_ID	NUMBER(10,0)	WC_PAY_ELEMENT_TYPES_DS	DATASOURCE_NUM_ID
WC_PAY_ELEMENT_TYPES_D	INTEGRATION_ID	VARCHAR2(80)	WC_PAY_ELEMENT_TYPES_DS	INTEGRATION_ID
WC_PAY_ELEMENT_TYPES_D	TENANT_ID	VARCHAR2(80)	WC_PAY_ELEMENT_TYPES_DS	TENANT_ID
WC_PAY_ELEMENT_TYPES_D	DELETE_FLG	CHAR(1)	WC_PAY_ELEMENT_TYPES_DS	DELETE_FLG
WC_PAY_ELEMENT_TYPES_D	CHANGED_BY_ID	VARCHAR2(80)	WC_PAY_ELEMENT_TYPES_DS	CHANGED_BY_ID
WC_PAY_ELEMENT_TYPES_D	CHANGED_ON_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	CHANGED_ON_DT
WC_PAY_ELEMENT_TYPES_D	CREATED_BY_ID	VARCHAR2(80)	WC_PAY_ELEMENT_TYPES_DS	CREATED_BY_ID
WC_PAY_ELEMENT_TYPES_D	CREATED_ON_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	CREATED_ON_DT
WC_PAY_ELEMENT_TYPES_D	AUX1_CHANGED_ON_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	AUX1_CHANGED_ON_DT
WC_PAY_ELEMENT_TYPES_D	AUX2_CHANGED_ON_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	AUX2_CHANGED_ON_DT
WC_PAY_ELEMENT_TYPES_D	AUX3_CHANGED_ON_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	AUX3_CHANGED_ON_DT
WC_PAY_ELEMENT_TYPES_D	AUX4_CHANGED_ON_DT	DATE	WC_PAY_ELEMENT_TYPES_DS	AUX4_CHANGED_ON_DT

4.5.15 Payroll Run Details Fact

```
CREATE TABLE WC_PAYROLL_RUN_DTL_FS
  (
    HR_ASSIGNMENT_ID              VARCHAR2(80 CHAR),
    HR_PERSON_ID                  VARCHAR2(80 CHAR),
    PAY_STAT_UNIT_ID              VARCHAR2(80 CHAR),
    BALANCE_ID                    VARCHAR2(80 CHAR),
    PAYROLL_ID                    VARCHAR2(80 CHAR),
    RUN_TYPE_ID                   VARCHAR2(80 CHAR),
    PAY_PERIOD_ID                 VARCHAR2(80 CHAR),
    PAY_ELEMENT_TYPE_ID           VARCHAR2(80 CHAR),
    BALANCE_DT                    DATE,
    PAYROLL_RUN_DT                DATE,
    BALANCE_LEVEL                 VARCHAR2(30 CHAR),
    BALANCE_VALUE                 NUMBER(28,10),
    POSTN_DH_BASE_EMP_ID          VARCHAR2(320 CHAR),
    ASSIGNMENT_INTEGRATION_ID     VARCHAR2(80 CHAR),
    PAY_REL_INTEGRATION_ID        VARCHAR2(80 CHAR),
    REL_ACT_INTEGRATION_ID        VARCHAR2(80 CHAR),
    WRKFC_INT_ENTITY              VARCHAR2(10 CHAR),
    PRODUCT_LINE_CODE             VARCHAR2(10 CHAR),
    DOC_CURR_CODE                 VARCHAR2(30 CHAR),
    LOC_CURR_CODE                 VARCHAR2(30 CHAR),
    LOC_EXCH_RATE_TYPE            VARCHAR2(30 CHAR),
    LOC_EXCHANGE_RATE             NUMBER(28,10),
    EXCHANGE_DT                   DATE,
    CREATED_BY_ID                 VARCHAR2(80 CHAR),
    CHANGED_BY_ID                 VARCHAR2(80 CHAR),
    CREATED_ON_DT                 DATE,
    CHANGED_ON_DT                 DATE,
    AUX1_CHANGED_ON_DT            DATE,
    AUX2_CHANGED_ON_DT            DATE,
    AUX3_CHANGED_ON_DT            DATE,
    AUX4_CHANGED_ON_DT            DATE,
    DELETE_FLG                    VARCHAR2(1 CHAR),
    REJECT_FLG                    CHAR(1 CHAR),
    DATASOURCE_NUM_ID             NUMBER(10,0),
    INTEGRATION_ID                VARCHAR2(255 CHAR),
    TENANT_ID                     VARCHAR2(80 CHAR),
    X_CUSTOM                      VARCHAR2(10 CHAR)
  );
```

```
CREATE TABLE WC_PAYROLL_RUN_DTL_F
    (
        HR_ASSIGNMENT_WID                    NUMBER(10,0),
        EMP_POSTN_DH_WID                     NUMBER(10,0),
        HR_PERSON_WID                        NUMBER(10,0),
        HR_PERSON_LEG_WID                    NUMBER(10,0),
        EMPLOYEE_WID                         NUMBER(10,0),
        SUPERVISOR_WID                       NUMBER(10,0),
        EMPLOYMENT_WID                       NUMBER(10,0),
        SUP_HR_ASSIGNMENT_WID                NUMBER(10,0),
        PAY_STAT_UNIT_WID                    NUMBER(10,0),
        DEPARTMENT_WID                       NUMBER(10,0),
        SUP_HR_PERSON_WID                    NUMBER(10,0),
        JOB_WID                              NUMBER(10,0),
        PAY_GRADE_WID                        NUMBER(10,0),
        HR_POSITION_WID                      NUMBER(10,0),
        LOCATION_WID                         NUMBER(10,0),
        HR_BUSINESS_UNIT_WID                 NUMBER(10,0),
        COMPANY_ORG_WID                      NUMBER(10,0),
        AGE_BAND_WID                         NUMBER(10,0),
        PERFORMANCE_BAND_WID                 NUMBER(10,0),
        PRD_OF_WRK_BAND_WID                  NUMBER(10,0),
        EARNING_PERIOD_WID                   NUMBER(10,0),
        STATUTORY_PERIOD_WID                 NUMBER(10,0),
        BALANCE_DT_WID                       NUMBER(10,0),
        BALANCE_MONTH_WID                    NUMBER(10,0),
        BALANCE_QTR_WID                      NUMBER(10,0),
        BALANCE_YEAR_WID                     NUMBER(10,0),
        PAYROLL_RUN_DT_WID                   NUMBER(10,0),
        BALANCE_WID                          NUMBER(10,0),
        PAYROLL_WID                          NUMBER(10,0),
        RUN_TYPE_WID                         NUMBER(10,0),
        PAY_ELEMENT_TYPE_WID                 NUMBER(10,0),
        BALANCE_DT                           DATE,
        PAYROLL_RUN_DT                       DATE,
        BALANCE_LEVEL                        VARCHAR2(30 CHAR),
        HEADCOUNT                            NUMBER(10,3),
        FTE                                  NUMBER(10,3),
        BALANCE_VALUE                        NUMBER(28,10),
        ASSIGNMENT_INTEGRATION_ID            VARCHAR2(80 CHAR),
        PAY_REL_INTEGRATION_ID               VARCHAR2(80 CHAR),
        REL_ACT_INTEGRATION_ID               VARCHAR2(80 CHAR),
        WRKFC_INT_ENTITY                     VARCHAR2(10 CHAR),
        DOC_CURR_CODE                        VARCHAR2(30 CHAR),
        LOC_CURR_CODE                        VARCHAR2(30 CHAR),
        LOC_EXCHANGE_RATE                    NUMBER(28,10),
        GLOBAL1_EXCHANGE_RATE                NUMBER(28,10),
        GLOBAL2_EXCHANGE_RATE                NUMBER(28,10),
        GLOBAL3_EXCHANGE_RATE                NUMBER(28,10),
        CREATED_BY_WID                       NUMBER(10,0),
        CHANGED_BY_WID                       NUMBER(10,0),
        CREATED_ON_DT                        DATE,
        CHANGED_ON_DT                        DATE,
        AUX1_CHANGED_ON_DT                   DATE,
        AUX2_CHANGED_ON_DT                   DATE,
        AUX3_CHANGED_ON_DT                   DATE,
        AUX4_CHANGED_ON_DT                   DATE,
        DELETE_FLG                           VARCHAR2(1 CHAR),
        W_INSERT_DT                          DATE,
        W_UPDATE_DT                          DATE,
        DATASOURCE_NUM_ID                    NUMBER(10,0),
        ETL_PROC_WID                         NUMBER(10,0),
        INTEGRATION_ID                       VARCHAR2(255 CHAR),
        TENANT_ID                            VARCHAR2(80 CHAR),
        X_CUSTOM                             VARCHAR2(10 CHAR)
    );
```

Mapping *SDE_ORA_PayrollRunDetailFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_PAYROLL_RUN_DTL_FS	PAYROLL_ID	VARCHR2(80)	PAY_ALL_PAYROLLS_F	PAYROLL_ID
WC_PAYROLL_RUN_DTL_FS	BALANCE_ID	VARCHAR2(80)	CONSTANT	0
WC_PAYROLL_RUN_DTL_FS	BALANCE_DT	DATE	PAY_PAYROLL_ACTIONS	EFFECTIVE_DATE
WC_PAYROLL_RUN_DTL_FS	BALANCE_LEVEL	VARCHAR2(30)	CONSTANT	'ASSIGNMENT'
WC_PAYROLL_RUN_DTL_FS	BALANCE_VALUE	NUMBER(28)	PAY_RUN_RESULT_VALUES	RESULT_VALUE
WC_PAYROLL_RUN_DTL_FS	DOC_CURR_CODE	VARCHAR2(30)	PAY_ELEMENT_TYPES_F	INPUT_CURRENCY_CODE
WC_PAYROLL_RUN_DTL_FS	HR_ASSIGNMENT_ID	VARCHAR2(80)	PER_ALL_ASSIGNMENTS_F	ASSIGNMENT_ID
WC_PAYROLL_RUN_DTL_FS	HR_PERSON_ID	VARCHAR2(80)	PER_ALL_ASSIGNMENTS_F	PERSON_ID
WC_PAYROLL_RUN_DTL_FS	LOC_CURR_CODE	VARCHAR2(30)	PAY_ELEMENT_TYPES_F	INPUT_CURRENCY_CODE
WC_PAYROLL_RUN_DTL_FS	PAYROLL_RUN_DT	DATE	PAY_PAYROLL_ACTIONS	EFFECTIVE_DATE
WC_PAYROLL_RUN_DTL_FS	PAY_ELEMENT_TYPE_ID	VARCHAR2(80)	PAY_ELEMENT_TYPES_F	ELEMENT_TYPE_ID
WC_PAYROLL_RUN_DTL_FS	PAY_PERIOD_ID	VARCHAR2(80)	PER_TIME_PERIODS	TIME_PERIOD_ID
WC_PAYROLL_RUN_DTL_FS	PAY_REL_INTEGRATION_ID	VARCHAR2(80)	PAY_ALL_PAYROLLS_F PER_TIME_PERIODS	PAYROLL_ID || '~' || TIME_PERIOD_ID
WC_PAYROLL_RUN_DTL_FS	PAY_STAT_UNIT_ID	VARCHAR2(80)	CONSTANT	'0'
WC_PAYROLL_RUN_DTL_FS	POSTN_DH_BASE_EMP_ID	VARCHAR2(320)	PER_ALL_ASSIGNMENTS_F	'PER~' || HR_PERSON_ID
WC_PAYROLL_RUN_DTL_FS	REL_ACT_INTEGRATION_ID	VARCHAR2(80)	CONSTANT	'0'
WC_PAYROLL_RUN_DTL_FS	RUN_TYPE_ID	VARCHAR2(80)	EXPRESSION	RUN_TYPE_ID ||'~'|| NULL ||'~'|| ACTION_TYPE ||'~'|| CASE WHEN ACTION_TYPE = 'R' THEN 'N' ELSE 'Y' END
WC_PAYROLL_RUN_DTL_FS	WRKFC_INT_ENTITY	VARCHAR2(10)	CONSTANT	'ASG'
WC_PAYROLL_RUN_DTL_FS	ASSIGNMENT_INTEGRATION_ID	VARCHAR2(80)	PER_ALL_ASSIGNMENTS_F	ASSIGNMENT_ID
WC_PAYROLL_RUN_DTL_FS	DATASOURCE_NUM_ID	NUMBER(10,0)	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_PAYROLL_RUN_DTL_FS	INTEGRATION_ID	VARCHAR2(80)	PROJECT VARIABLE	TO_CHAR(RUN_RESULT_ID) || '~' || TO_CHAR(INPUT_VALUE_ID)
WC_PAYROLL_RUN_DTL_FS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_PAYROLL_RUN_DTL_FS	DELETE_FLG	CHAR(1)	WC_PAYROLL_RUN_DTL_FS	RUN_REPLICATED_ TRANSACTIONAL ('#IS_SDS_DEPLOYED','N', CASE WHEN PPA.CDC$_DML_CODE = 'D' THEN 'Y' ELSE 'N' END)
WC_PAYROLL_RUN_DTL_FS	CHANGED_BY_ID	VARCHAR2(80)	PAY_PAYROLL_ACTIONS	LAST_UPDATED_BY
WC_PAYROLL_RUN_DTL_FS	CHANGED_ON_DT	DATE	WC_PAYROLL_RUN_DTL_FS	RUN_REPLICATED_ TRANSACTIONAL ('#IS_SDS_DEPLOYED', PPA.LAST_UPDATE_DATE,PPA. CDC$_SRC_LAST_UPDATE_DATE)
WC_PAYROLL_RUN_DTL_FS	CREATED_BY_ID	VARCHAR2(80)	PAY_PAYROLL_ACTIONS	CREATED_BY
WC_PAYROLL_RUN_DTL_FS	CREATED_ON_DT	DATE	PAY_PAYROLL_ACTIONS	CREATION_DATE
WC_PAYROLL_RUN_DTL_FS	AUX1_CHANGED_ON_DT	DATE	PER_ALL_ASSIGNMENTS_F	LAST_UPDATE_DATE
WC_PAYROLL_RUN_DTL_FS	AUX2_CHANGED_ON_DT	DATE	PAY_ALL_PAYROLLS_F	LAST_UPDATE_DATE
WC_PAYROLL_RUN_DTL_FS	AUX3_CHANGED_ON_DT	DATE	HR_ALL_ORGANIZATION_UNITS	LAST_UPDATE_DATE

WC_PAYROLL_RUN_DTL_FS	AUX4_CHANGED_ON_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME

Mapping *SIL_PayrollRunDetailFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_PAYROLL_RUN_DTL_F	PAYROLL_ID	VARCHR2(80)	WC_PAYROLL_RUN_DTL_FS	PAYROLL_ID
WC_PAYROLL_RUN_DTL_F	BALANCE_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	BALANCE_ID
WC_PAYROLL_RUN_DTL_F	BALANCE_DT	DATE	WC_PAYROLL_RUN_DTL_FS	BALANCE_DT
WC_PAYROLL_RUN_DTL_F	BALANCE_LEVEL	VARCHAR2(30)	WC_PAYROLL_RUN_DTL_FS	BALANCE_LEVEL
WC_PAYROLL_RUN_DTL_F	BALANCE_VALUE	NUMBER(28)	WC_PAYROLL_RUN_DTL_FS	BALANCE_VALUE
WC_PAYROLL_RUN_DTL_F	DOC_CURR_CODE	VARCHAR2(30)	WC_PAYROLL_RUN_DTL_FS	DOC_CURR_CODE
WC_PAYROLL_RUN_DTL_F	HR_ASSIGNMENT_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	HR_ASSIGNMENT_ID
WC_PAYROLL_RUN_DTL_F	HR_PERSON_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	HR_PERSON_ID
WC_PAYROLL_RUN_DTL_F	LOC_CURR_CODE	VARCHAR2(30)	WC_PAYROLL_RUN_DTL_FS	LOC_CURR_CODE
WC_PAYROLL_RUN_DTL_F	PAYROLL_RUN_DT	DATE	WC_PAYROLL_RUN_DTL_FS	PAYROLL_RUN_DT
WC_PAYROLL_RUN_DTL_F	PAY_ELEMENT_TYPE_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	PAY_ELEMENT_TYPE_ID
WC_PAYROLL_RUN_DTL_F	PAY_PERIOD_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	PAY_PERIOD_ID
WC_PAYROLL_RUN_DTL_F	PAY_REL_INTEGRATION_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	PAY_REL_INTEGRATION_ID
WC_PAYROLL_RUN_DTL_F	PAY_STAT_UNIT_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	PAY_STAT_UNIT_ID
WC_PAYROLL_RUN_DTL_F	POSTN_DH_BASE_EMP_ID	VARCHAR2(320)	WC_PAYROLL_RUN_DTL_FS	POSTN_DH_BASE_EMP_ID
WC_PAYROLL_RUN_DTL_F	REL_ACT_INTEGRATION_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	REL_ACT_INTEGRATION_ID
WC_PAYROLL_RUN_DTL_F	RUN_TYPE_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	RUN_TYPE_ID
WC_PAYROLL_RUN_DTL_F	WRKFC_INT_ENTITY	VARCHAR2(10)	WC_PAYROLL_RUN_DTL_FS	WRKFC_INT_ENTITY
WC_PAYROLL_RUN_DTL_F	ASSIGNMENT_INTEGRATION_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	ASSIGNMENT_INTEGRATION_ID
WC_PAYROLL_RUN_DTL_F	DATASOURCE_NUM_ID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	DATASOURCE_NUM_ID
WC_PAYROLL_RUN_DTL_F	INTEGRATION_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	INTEGRATION_ID
WC_PAYROLL_RUN_DTL_F	TENANT_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	TENANT_ID
WC_PAYROLL_RUN_DTL_F	DELETE_FLG	CHAR(1)	WC_PAYROLL_RUN_DTL_FS	DELETE_FLG
WC_PAYROLL_RUN_DTL_F	CHANGED_BY_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	CHANGED_BY_ID
WC_PAYROLL_RUN_DTL_F	CHANGED_ON_DT	DATE	WC_PAYROLL_RUN_DTL_FS	CHANGED_ON_DT
WC_PAYROLL_RUN_DTL_F	CREATED_BY_ID	VARCHAR2(80)	WC_PAYROLL_RUN_DTL_FS	CREATED_BY_ID
WC_PAYROLL_RUN_DTL_F	CREATED_ON_DT	DATE	WC_PAYROLL_RUN_DTL_FS	CREATED_ON_DT
WC_PAYROLL_RUN_DTL_F	AUX1_CHANGED_ON_DT	DATE	WC_PAYROLL_RUN_DTL_FS	AUX1_CHANGED_ON_DT
WC_PAYROLL_RUN_DTL_F	AUX2_CHANGED_ON_DT	DATE	WC_PAYROLL_RUN_DTL_FS	AUX2_CHANGED_ON_DT
WC_PAYROLL_RUN_DTL_F	AUX3_CHANGED_ON_DT	DATE	WC_PAYROLL_RUN_DTL_FS	AUX3_CHANGED_ON_DT

WC_PAYROLL_RUN_DTL_F	AUX4_CHANGED_ON_DT	DATE	WC_PAYROLL_RUN_DTL_FS	AUX4_CHANGED_ON_DT
WC_PAYROLL_RUN_DTL_F	AGE_BAND_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS W_WRKFC_EVT_F	COALESCE(IIF(ISNULL(BIRTH_DT) OR BIRTH_DT > BALANCE_DT, -2, FLOOR(DATE_DIFF(BALANCE_DT,BIRTH_DT,"MM"))), 0)
WC_PAYROLL_RUN_DTL_F	BALANCE_DT_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	COALESCE(to_decimal(TO_DATE_WID(BALANCE_DT)),0)
WC_PAYROLL_RUN_DTL_F	BALANCE_MONTH_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	to_decimal(TO_CHAR_FORMAT(BALANCE_DT, 'YYYYMM'))
WC_PAYROLL_RUN_DTL_F	BALANCE_QTR_WID	NUMBER(10,0)	EXPRESSION	(to_decimal(TO_CHAR_FORMAT(FS.BALANCE_DT,'YYYY')) * 100) + to_decimal(TO_CHAR_FORMAT(BALANCE_DT,'Q'))
WC_PAYROLL_RUN_DTL_F	BALANCE_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	COALESCE(BALANCE_WID,0)
WC_PAYROLL_RUN_DTL_F	BALANCE_YEAR_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	to_decimal(TO_CHAR_FORMAT(BALANCE_DT, 'YYYY'))
WC_PAYROLL_RUN_DTL_F	CHANGED_BY_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	CHANGED_BY_WID
WC_PAYROLL_RUN_DTL_F	COMPANY_ORG_WID	NUMBER(10,0)	W_WRKFC_EVT_F	COMPANY_ORG_WID
WC_PAYROLL_RUN_DTL_F	CREATED_BY_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	CREATED_BY_WID
WC_PAYROLL_RUN_DTL_F	DEPARTMENT_WID	NUMBER(10,0)	W_WRKFC_EVT_F	HR_ORG_WID
WC_PAYROLL_RUN_DTL_F	EARNING_PERIOD_WID	NUMBER(10,0)	W_WRKFC_EVT_F	EARNING_PERIOD_WID
WC_PAYROLL_RUN_DTL_F	EMPLOYEE_WID	NUMBER(10,0)	W_WRKFC_EVT_F	EMPLOYEE_WID
WC_PAYROLL_RUN_DTL_F	EMPLOYMENT_WID	NUMBER(10,0)	W_WRKFC_EVT_F	EMPLOYMENT_WID
WC_PAYROLL_RUN_DTL_F	EMP_POSTN_DH_WID	NUMBER(10,0)	LKP_W_POSITION_DH_WID	SCD1_WID
WC_PAYROLL_RUN_DTL_F	ETL_PROC_WID	NUMBER(10,0)	EXPRESSION	#ETL_PROC_WID
WC_PAYROLL_RUN_DTL_F	HR_ASSIGNMENT_WID	NUMBER(10,0)	W_WRKFC_EVT_F	HR_ASSIGNMENT_WID
WC_PAYROLL_RUN_DTL_F	HR_BUSINESS_UNIT_WID	NUMBER(10,0)	W_WRKFC_EVT_F	HR_BUSINESS_UNIT_WID
WC_PAYROLL_RUN_DTL_F	HR_PERSON_LEG_WID	NUMBER(10,0)	W_WRKFC_EVT_F	HR_PERSON_LEG_WID
WC_PAYROLL_RUN_DTL_F	HR_PERSON_WID	NUMBER(10,0)	W_WRKFC_EVT_F	HR_PERSON_WID
WC_PAYROLL_RUN_DTL_F	HR_POSITION_WID	NUMBER(10,0)	W_WRKFC_EVT_F	HR_POSITION_WID
WC_PAYROLL_RUN_DTL_F	JOB_WID	NUMBER(10,0)	W_WRKFC_EVT_F	JOB_WID
WC_PAYROLL_RUN_DTL_F	LOCATION_WID	NUMBER(10,0)	W_WRKFC_EVT_F	LOCATION_WID
WC_PAYROLL_RUN_DTL_F	PAYROLL_RUN_DT_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	COALESCE(to_decimal(TO_DATE_WID(PAYROLL_RUN_DT)) , 0)
WC_PAYROLL_RUN_DTL_F	PAYROLL_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	PAYROLL_WID
WC_PAYROLL_RUN_DTL_F	PAY_ELEMENT_TYPE_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	PAY_ELEMENT_TYPE_WID
WC_PAYROLL_RUN_DTL_F	PAY_GRADE_WID	NUMBER(10,0)	W_WRKFC_EVT_F	PAY_GRADE_WID
WC_PAYROLL_RUN_DTL_F	PAY_STAT_UNIT_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	PAY_STAT_UNIT_WID
WC_PAYROLL_RUN_DTL_F	PERFORMANCE_BAND_WID	NUMBER(10,0)	W_WRKFC_EVT_F	PERFORMANCE_BAND_WID
WC_PAYROLL_RUN_DTL_F	PRD_OF_WRK_BAND_WID	NUMBER(10,0)	W_WRKFC_EVT_F WC_PAYROLL_RUN_DTL_FS	COALESCE(IIF(ISNULL(POW_START_DT) OR POW_START_DT > BALANCE_DT, -1, FLOOR(DATE_DIFF (BALANCE_DT, POW_START_DT, "MM"))), 0)
WC_PAYROLL_RUN_DTL_F	RUN_TYPE_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	RUN_TYPE_WID
WC_PAYROLL_RUN_DTL_F	STATUTORY_PERIOD_WID	NUMBER(10,0)	WC_PAYROLL_RUN_DTL_FS	STATUTORY_PERIOD_WID
WC_PAYROLL_RUN_DTL_F	SUPERVISOR_WID	NUMBER(10,0)	W_WRKFC_EVT_F	SUPERVISOR_WID
WC_PAYROLL_RUN_DTL_F	SUP_HR_ASSIGNMENT_WID	NUMBER(10,0)	W_WRKFC_EVT_F	SUP_HR_ASSIGNMENT_WID

WC_PAYROLL_RUN_DTL_F	SUP_HR_PERSON_WID	NUMBER(10,0)	W_WRKFC_EVT_F	SUP_HR_PERSON_WID

4.5.16 Company Lookup

Table creation DDL script:

```
CREATE TABLE WC_COMPANY_LKP
    (
        GL_SEGMENT1_CODE        VARCHAR2(50 CHAR),
        COMPANY_ID              VARCHAR2(80 CHAR)
    );
```

4.5.17 Department Lookup

Table creation DDL script:

```
CREATE TABLE WC_DEPARTMENT_LKP
    (
        GL_SEGMENT1_CODE        VARCHAR2(50 CHAR) NOT NULL ENABLE,
        GL_SEGMENT2_CODE        VARCHAR2(50 CHAR) NOT NULL ENABLE,
        BUSINESS_UNIT_ID        VARCHAR2(80 CHAR) NOT NULL ENABLE,
        DIRECTORATE_ID          VARCHAR2(80 CHAR) NOT NULL ENABLE,
        DEPARTMENT_ID           VARCHAR2(80 CHAR) NOT NULL ENABLE,
        DATE_FROM               DATE NOT NULL ENABLE,
        DATE_TO                 DATE NOT NULL ENABLE
    ) ;
```

4.5.18 Project Lookup

Table creation DDL script:

```
CREATE TABLE WC_PROJECT_LKP
    (
        GL_SEGMENT1_CODE            VARCHAR2(50 CHAR),
        GL_SEGMENT5_CODE            VARCHAR2(50 CHAR),
        PROJECT_ID                  VARCHAR2(80 CHAR)
    );
```

4.5.19 Task Lookup

Table creation DDL script:

```
CREATE TABLE WC_TASK_LKP
   (  GL_SEGMENT1_CODE        VARCHAR2(50 CHAR),
      GL_SEGMENT5_CODE        VARCHAR2(50 CHAR),
      GL_SEGMENT6_CODE        VARCHAR2(50 CHAR),
      TASK_ID                 VARCHAR2(80 CHAR)
   );
```

4.5.20 Learning and Training Dimension

Table creation DDL script:

```
CREATE TABLE WC_COMPETENCES_DS
   (
      COMPETENCE_ID           NUMBER,
      COMPETENCE_NAME         VARCHAR2(100 CHAR),
      CERTIF_REQUIRED_FLAG    VARCHAR2(100 CHAR),
      RATING_SCALE_NAME       VARCHAR2(100 CHAR),
      RATING_MIN_STEP         NUMBER,
      RATING_MAX_STEP         NUMBER,
      CREATED_BY_ID           VARCHAR2(80 CHAR),
      CHANGED_BY_ID           VARCHAR2(80 CHAR),
      CREATED_ON_DT           DATE,
      CHANGED_ON_DT           DATE,
      AUX1_CHANGED_ON_DT      DATE,
      AUX2_CHANGED_ON_DT      DATE,
      AUX3_CHANGED_ON_DT      DATE,
      AUX4_CHANGED_ON_DT      DATE,
      DATASOURCE_NUM_ID       NUMBER(10,0),
      INTEGRATION_ID          VARCHAR2(100 CHAR),
      TENANT_ID               VARCHAR2(80 CHAR),
      X_CUSTOM                VARCHAR2(10 CHAR)
   );
```

CLEARPEAKS

```
CREATE TABLE WC_COMPETENCES_D
  (
    ROW_WID               NUMBER(10,0),
    COMPETENCE_ID         NUMBER(10,0),
    COMPETENCE_NAME       VARCHAR2(100 CHAR),
    CERTIF_REQUIRED_FLAG  VARCHAR2(100 CHAR),
    RATING_SCALE_NAME     VARCHAR2(100 CHAR),
    RATING_MIN_STEP       NUMBER(10,2),
    RATING_MAX_STEP       NUMBER(10,2),
    CREATED_BY_WID        NUMBER(10,0),
    CHANGED_BY_WID        NUMBER(10,0),
    CREATED_ON_DT         DATE,
    CHANGED_ON_DT         DATE,
    AUX1_CHANGED_ON_DT    DATE,
    AUX2_CHANGED_ON_DT    DATE,
    AUX3_CHANGED_ON_DT    DATE,
    AUX4_CHANGED_ON_DT    DATE,
    TENANT_ID             VARCHAR2(80 CHAR),
    X_CUSTOM              VARCHAR2(10 CHAR),
    W_INSERT_DT           DATE,
    W_UPDATE_DT           DATE,
    DATASOURCE_NUM_ID     NUMBER(10,0),
    INTEGRATION_ID        VARCHAR2(100 CHAR),
    ETL_PROC_WID          NUMBER(10,0)
  );
```

Mapping *SDE_ORA_CompetencesDimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COMPETENCES_DS	COMPETENCE_ID	NUMBER	PER_COMPETENCES	COMPETENCE_ID
WC_COMPETENCES_DS	COMPETENCE_NAME	VARCHAR2(100)	PER_COMPETENCES	NAME
WC_COMPETENCES_DS	CERTIF_REQUIRED_FLAG	VARCHAR2(100)	PER_COMPETENCES	CERTIFICATION_REQUIRED
WC_COMPETENCES_DS	RATING_SCALE_NAME	VARCHAR2(100)	PER_RATING_SCALES	NAME
WC_COMPETENCES_DS	RATING_MIN_STEP	NUMBER	PER_RATING_SCALES	MIN_SCALE_STEP
WC_COMPETENCES_DS	RATING_MAX_STEP	NUMBER	PER_RATING_SCALES	MAX_SCALE_STEP
WC_COMPETENCES_DS	CREATED_BY_ID	VARCHAR2(80)	PER_COMPETENCES	CREATED_BY
WC_COMPETENCES_DS	CHANGED_BY_ID	VARCHAR2(80)	PER_COMPETENCES	LAST_UPDATED_BY
WC_COMPETENCES_DS	CREATED_ON_DT	DATE	PER_COMPETENCES	CREATION_DATE
WC_COMPETENCES_DS	AUX1_CHANGED_ON_DT	DATE	PER_COMPETENCES	LAST_UPDATE_DATE

WC_COMPETENCES_DS	AUX2_CHANGED_ON_DT	DATE		NULL
WC_COMPETENCES_DS	AUX3_CHANGED_ON_DT	DATE		NULL
WC_COMPETENCES_DS	AUX4_CHANGED_ON_DT	DATE		NULL
WC_COMPETENCES_DS	DATASOURCE_NUM_ID	NUMBER	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_COMPETENCES_DS	INTEGRATION_ID	VARCHAR(100)	PER_COMPETENCES	TO_CHAR(COMPETENCE_ID)
WC_COMPETENCES_DS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_COMPETENCES_DS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping *Sil_CompetencesDimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COMPETENCES_D	ROW_WID	NUMBER	WC_COMPETENCES_D_SEQ	NEXT_VAL
WC_COMPETENCES_D	COMPETENCE_ID	NUMBER	WC_COMPETENCES_DS	COMPETENCE_ID
WC_COMPETENCES_D	COMPETENCE_NAME	VARCHAR2(100)	WC_COMPETENCES_DS	COMPETENCE_NAME
WC_COMPETENCES_D	CERTIF_REQUIRED_FLAG	VARCHAR2(100)	WC_COMPETENCES_DS	CERTIF_REQUIRED_FLAG
WC_COMPETENCES_D	RATING_SCALE_NAME	VARCHAR2(100)	WC_COMPETENCES_DS	RATING_SCALE_NAME
WC_COMPETENCES_D	RATING_MIN_STEP	NUMBER	WC_COMPETENCES_DS	RATING_MIN_STEP
WC_COMPETENCES_D	RATING_MAX_STEP	NUMBER	WC_COMPETENCES_DS	RATING_MAX_STEP
WC_COMPETENCES_D	CREATED_BY_ID	VARCHAR2(80)	WC_COMPETENCES_DS	CREATED_BY_ID
WC_COMPETENCES_D	CHANGED_BY_ID	VARCHAR2(80)	WC_COMPETENCES_DS	CHANGED_BY_ID
WC_COMPETENCES_D	CREATED_ON_DT	DATE	WC_COMPETENCES_DS	CREATED_ON_DT
WC_COMPETENCES_D	AUX1_CHANGED_ON_DT	DATE	WC_COMPETENCES_DS	AUX1_CHANGED_ON_DT
WC_COMPETENCES_D	AUX2_CHANGED_ON_DT	DATE	WC_COMPETENCES_DS	AUX2_CHANGED_ON_DT
WC_COMPETENCES_D	AUX3_CHANGED_ON_DT	DATE	WC_COMPETENCES_DS	AUX3_CHANGED_ON_DT
WC_COMPETENCES_D	AUX4_CHANGED_ON_DT	DATE	WC_COMPETENCES_DS	AUX4_CHANGED_ON_DT
WC_COMPETENCES_D	DATASOURCE_NUM_ID	NUMBER	WC_COMPETENCES_DS	DATASOURCE_NUM_ID
WC_COMPETENCES_D	INTEGRATION_ID	VARCHAR(100)	PER_COMPETENCES	TO_CHAR(COMPETENCE_ID)
WC_COMPETENCES_D	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	TENANT_ID
WC_COMPETENCES_D	X_CUSTOM	VARCHAR2(10)	CONSTANT	X_CUSTOM
WC_COMPETENCES_D	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_COMPETENCES_D	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_COMPETENCES_D	ETL_PROC_WID	NUMBER	PROJECT VARIABLE	'#ETL_PROC_WID'

CLEARPEAKS

```
CREATE TABLE WC_COURSE_CONTENT_DS
  (
    COURSE_CONTENT_ID            NUMBER,
    COURSE_NAME                  VARCHAR2(1000 CHAR),
    COURSE_DESCRIPTION           VARCHAR2(4000 CHAR),
    COURSE_CATEGORY_CODE         VARCHAR2(100 CHAR),
    COURSE_CATEGORY_NAME         VARCHAR2(100 CHAR),
    COURSE_TYPE_CODE             VARCHAR2(50 CHAR),
    COURSE_TYPE_NAME             VARCHAR2(100 CHAR),
    COURSE_SUBTYPE_CODE          VARCHAR2(50 CHAR),
    COURSE_SUBTYPE_NAME          VARCHAR2(100 CHAR),
    COURSE_FEEDBACK_TYPE         VARCHAR2(50 CHAR),
    COURSE_FEEDBACK_NAME         VARCHAR2(100 CHAR),
    CREATED_BY_ID                VARCHAR2(80 CHAR),
    CHANGED_BY_ID                VARCHAR2(80 CHAR),
    CREATED_ON_DT                DATE,
    CHANGED_ON_DT                DATE,
    AUX1_CHANGED_ON_DT           DATE,
    AUX2_CHANGED_ON_DT           DATE,
    AUX3_CHANGED_ON_DT           DATE,
    AUX4_CHANGED_ON_DT           DATE,
    DATASOURCE_NUM_ID            NUMBER(10,0),
    INTEGRATION_ID               VARCHAR2(100 CHAR),
    TENANT_ID                    VARCHAR2(80 CHAR),
    X_CUSTOM                     VARCHAR2(10 CHAR)
  );
```

```
CREATE TABLE WC_COURSE_CONTENT_D
    (
        ROW_WID                     NUMBER(10,0),
        COURSE_CONTENT_ID           NUMBER(10,0),
        COURSE_NAME                 VARCHAR2(1000 CHAR),
        COURSE_DESCRIPTION          VARCHAR2(4000 CHAR),
        COURSE_CATEGORY_CODE        VARCHAR2(100 CHAR),
        COURSE_CATEGORY_NAME        VARCHAR2(100 CHAR),
        COURSE_TYPE_CODE            VARCHAR2(50 CHAR),
        COURSE_TYPE_NAME            VARCHAR2(100 CHAR),
        COURSE_SUBTYPE_CODE         VARCHAR2(50 CHAR),
        COURSE_SUBTYPE_NAME         VARCHAR2(100 CHAR),
        COURSE_FEEDBACK_TYPE        VARCHAR2(50 CHAR),
        COURSE_FEEDBACK_NAME        VARCHAR2(100 CHAR),
        CREATED_BY_WID              NUMBER(10,0),
        CHANGED_BY_WID              NUMBER(10,0),
        CREATED_ON_DT               DATE,
        CHANGED_ON_DT               DATE,
        AUX1_CHANGED_ON_DT          DATE,
        AUX2_CHANGED_ON_DT          DATE,
        AUX3_CHANGED_ON_DT          DATE,
        AUX4_CHANGED_ON_DT          DATE,
        TENANT_ID                   VARCHAR2(80 CHAR),
        X_CUSTOM                    VARCHAR2(10 CHAR),
        W_INSERT_DT                 DATE,
        W_UPDATE_DT                 DATE,
        DATASOURCE_NUM_ID           NUMBER(10,0),
        INTEGRATION_ID              VARCHAR2(100 CHAR),
        ETL_PROC_WID                NUMBER(10,0)
    );
```

Mapping *SDE_ORA_CourseContentDimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COURSE_CONTENT_DS	COURSE_CONTENT_ID	NUMBER	XXLM_COURSE	COURSE_ID
WC_COURSE_CONTENT_DS	COURSE_NAME	VARCHAR2(1000)	XXLM_COURSE	COURSE_NAME
WC_COURSE_CONTENT_DS	COURSE_DESCRIPTION	VARCHAR2(4000)	XXLM_COURSE	DESCRIPTION
WC_COURSE_CONTENT_DS	COURSE_CATEGORY_CODE	VARCHAR2(100)	XXLM_COURSE	COURSE_CATEGORY_CODE
WC_COURSE_CONTENT_DS	COURSE_CATEGORY_NAME	VARCHAR2(100)	FND_LOOKUP_VALUES	MEANING
WC_COURSE_CONTENT_DS	COURSE_TYPE_CODE	VARCHAR2(50)	XXLM_COURSE	COURSE_TYPE
WC_COURSE_CONTENT_DS	COURSE_TYPE_NAME	VARCHAR2(100)	FND_LOOKUP_VALUES	MEANING
WC_COURSE_CONTENT_DS	COURSE_SUBTYPE_CODE	VARCHAR2(50)	XXLM_COURSE	COURSE_SUB_TYPE
WC_COURSE_CONTENT_DS	COURSE_SUBTYPE_NAME	VARCHAR2(100)	FND_LOOKUP_VALUES	MEANING
WC_COURSE_CONTENT_DS	COURSE_FEEDBACK_TYPE	VARCHAR2(50)	XXLM_COURSE	FEEDBACK_TYPE
WC_COURSE_CONTENT_DS	COURSE_FEEDBACK_NAME	VARCHAR2(100)	FND_LOOKUP_VALUES	MEANING
WC_COURSE_CONTENT_DS	CREATED_BY_ID	VARCHAR(80)	XXLM_COURSE	CREATED_BY

WC_COURSE_CONTENT_DS	CHANGED_BY_ID	VARCHAR(80)	XXLM_COURSE	LAST_UPDATED_BY
WC_COURSE_CONTENT_DS	CREATED_ON_DT	DATE	XXLM_COURSE	CREATION_DATE
WC_COURSE_CONTENT_DS	CHANGED_ON_DT	DATE	XXLM_COURSE	LAST_UPDATE_DATE
WC_COURSE_CONTENT_DS	AUX1_CHANGED_ON_DT	DATE	XXLM_COURSE	LAST_UPDATE_DATE
WC_COURSE_CONTENT_DS	AUX2_CHANGED_ON_DT	DATE		NULL
WC_COURSE_CONTENT_DS	AUX3_CHANGED_ON_DT	DATE		NULL
WC_COURSE_CONTENT_DS	AUX4_CHANGED_ON_DT	DATE		NULL
WC_COURSE_CONTENT_DS	DATASOURCE_NUM_ID	NUMBER	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_COURSE_CONTENT_DS	INTEGRATION_ID	VARCHAR(100)	PER_COMPETENCES	TO_CHAR(COURSE_CONTENT_ID)
WC_COURSE_CONTENT_DS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_COURSE_CONTENT_DS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping *SIL_CourseContentDimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COURSE_CONTENT_D	ROW_WID	NUMBER	WC_COURSE_CONTENT_D_SEQ	NEXT_VAL
WC_COURSE_CONTENT_D	COURSE_CONTENT_ID	NUMBER	WC_COURSE_CONTENT_DS	COURSE_CONTENT_ID
WC_COURSE_CONTENT_D	COURSE_NAME	VARCHAR2(1000)	WC_COURSE_CONTENT_DS	COURSE_NAME
WC_COURSE_CONTENT_D	COURSE_DESCRIPTION	VARCHAR2(4000)	WC_COURSE_CONTENT_DS	COURSE_DESCRIPTION
WC_COURSE_CONTENT_D	COURSE_CATEGORY_CODE	VARCHAR2(100)	WC_COURSE_CONTENT_DS	COURSE_CATEGORY_CODE
WC_COURSE_CONTENT_D	COURSE_CATEGORY_NAME	VARCHAR2(100)	WC_COURSE_CONTENT_DS	COURSE_CATEGORY_NAME
WC_COURSE_CONTENT_D	COURSE_TYPE_CODE	VARCHAR2(50)	WC_COURSE_CONTENT_DS	COURSE_TYPE_CODE
WC_COURSE_CONTENT_D	COURSE_TYPE_NAME	VARCHAR2(100)	WC_COURSE_CONTENT_DS	COURSE_TYPE_NAME
WC_COURSE_CONTENT_D	COURSE_SUBTYPE_CODE	VARCHAR2(50)	WC_COURSE_CONTENT_DS	COURSE_SUBTYPE_CODE
WC_COURSE_CONTENT_D	COURSE_SUBTYPE_NAME	VARCHAR2(100)	WC_COURSE_CONTENT_DS	COURSE_SUBTYPE_NAME
WC_COURSE_CONTENT_D	COURSE_FEEDBACK_TYPE	VARCHAR2(50)	WC_COURSE_CONTENT_DS	COURSE_FEEDBACK_TYPE
WC_COURSE_CONTENT_D	COURSE_FEEDBACK_NAME	VARCHAR2(100)	WC_COURSE_CONTENT_DS	COURSE_FEEDBACK_NAME
WC_COURSE_CONTENT_D	CREATED_BY_WID	VARCHAR(80)	LKP_W_USER_D	ROW_WID
WC_COURSE_CONTENT_D	CHANGED_BY_WID	VARCHAR(80)	LKP_W_USER_D	ROW_WID
WC_COURSE_CONTENT_D	CREATED_ON_DT	DATE	WC_COURSE_CONTENT_DS	CREATED_ON_DT
WC_COURSE_CONTENT_D	CHANGED_ON_DT	DATE	WC_COURSE_CONTENT_DS	CHANGED_ON_DT
WC_COURSE_CONTENT_D	AUX1_CHANGED_ON_DT	DATE	WC_COURSE_CONTENT_DS	AUX1_CHANGED_ON_DT
WC_COURSE_CONTENT_D	AUX2_CHANGED_ON_DT	DATE	WC_COURSE_CONTENT_DS	AUX2_CHANGED_ON_DT
WC_COURSE_CONTENT_D	AUX3_CHANGED_ON_DT	DATE	WC_COURSE_CONTENT_DS	AUX3_CHANGED_ON_DT
WC_COURSE_CONTENT_D	AUX4_CHANGED_ON_DT	DATE	WC_COURSE_CONTENT_DS	AUX4_CHANGED_ON_DT
WC_COURSE_CONTENT_D	DATASOURCE_NUM_ID	NUMBER	WC_COURSE_CONTENT_DS	DATASOURCE_NUM_ID
WC_COURSE_CONTENT_D	INTEGRATION_ID	VARCHAR(100)	WC_COURSE_CONTENT_DS	INTEGRATION_ID

WC_COURSE_CONTENT_D	TENANT_ID	VARCHAR2(80)	WC_COURSE_CONTENT_DS	TENANT_ID
WC_COURSE_CONTENT_D	X_CUSTOM	VARCHAR2(10)	WC_COURSE_CONTENT_DS	X_CUSTOM
WC_COURSE_CONTENT_D	W_INSET_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_COURSE_CONTENT_D	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME

```
CREATE TABLE WC_COURSE_PROVIDER_DS
  (
    COURSE_PROVIDER_ID          NUMBER,
    PROVIDER_NAME               VARCHAR2(100 CHAR),
    PROVIDER_ADDRESS            VARCHAR2(100 CHAR),
    PROVIDER_TELEPHONE          VARCHAR2(100 CHAR),
    PROVIDER_FAX                VARCHAR2(100 CHAR),
    PROVIDER_EMAIL              VARCHAR2(100 CHAR),
    PROVIDER_TYPE               VARCHAR2(100 CHAR),
    PROVIDER_EMPLOYEE_ID        NUMBER,
    PROVIDER_VENDOR_ID          NUMBER,
    PROVIDER_PARTY_ID           NUMBER,
    CREATED_BY_ID               VARCHAR2(80 CHAR),
    CHANGED_BY_ID               VARCHAR2(80 CHAR),
    CREATED_ON_DT               DATE,
    CHANGED_ON_DT               DATE,
    AUX1_CHANGED_ON_DT          DATE,
    AUX2_CHANGED_ON_DT          DATE,
    AUX3_CHANGED_ON_DT          DATE,
    AUX4_CHANGED_ON_DT          DATE,
    DATASOURCE_NUM_ID           NUMBER(10,0),
    INTEGRATION_ID              VARCHAR2(100 CHAR),
    TENANT_ID                   VARCHAR2(80 CHAR),
    X_CUSTOM                    VARCHAR2(10 CHAR)
  );
```

```
CREATE TABLE WC_COURSE_PROVIDER_D
   (
      ROW_WID                        NUMBER(10,0),
      COURSE_PROVIDER_ID             NUMBER(10,0),
      PROVIDER_NAME                  VARCHAR2(100 CHAR),
      PROVIDER_ADDRESS               VARCHAR2(100 CHAR),
      PROVIDER_TELEPHONE             VARCHAR2(100 CHAR),
      PROVIDER_FAX                   VARCHAR2(100 CHAR),
      PROVIDER_EMAIL                 VARCHAR2(100 CHAR),
      PROVIDER_TYPE                  VARCHAR2(100 CHAR),
      PROVIDER_EMPLOYEE_ID           NUMBER(10,0),
      PROVIDER_VENDOR_ID             NUMBER(10,0),
      PROVIDER_PARTY_ID              NUMBER(10,0),
      CREATED_BY_WID                 NUMBER(10,0),
      CHANGED_BY_WID                 NUMBER(10,0),
      CREATED_ON_DT                  DATE,
      CHANGED_ON_DT                  DATE,
      AUX1_CHANGED_ON_DT             DATE,
      AUX2_CHANGED_ON_DT             DATE,
      AUX3_CHANGED_ON_DT             DATE,
      AUX4_CHANGED_ON_DT             DATE,
      TENANT_ID                      VARCHAR2(80 CHAR),
      X_CUSTOM                       VARCHAR2(10 CHAR),
      W_INSERT_DT                    DATE,
      W_UPDATE_DT                    DATE,
      DATASOURCE_NUM_ID              NUMBER(10,0),
      INTEGRATION_ID                 VARCHAR2(100 CHAR),
      ETL_PROC_WID                   NUMBER(10,0)
   );
```

Mapping *SDE_ORA_CourseProviderimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COURSE_PROVIDER_DS	COURSE_PROVIDER_ID	NUMBER	XXLM_COURSE_PROVIDER	COURSE_ID
WC_COURSE_PROVIDER_DS	PROVIDER_NAME	VARCHAR2(100)	XXLM_COURSE_PROVIDER	COURSE_NAME
WC_COURSE_PROVIDER_DS	PROVIDER_ADDRESS	VARCHAR2(100)	XXLM_COURSE_PROVIDER	DESCRIPTION
WC_COURSE_PROVIDER_DS	PROVIDER_TELEPHONE	VARCHAR2(100)	XXLM_COURSE_PROVIDER	COURSE_CATEGORY_CODE
WC_COURSE_PROVIDER_DS	PROVIDER_FAX	VARCHAR2(100)	XXLM_COURSE_PROVIDER	MEANING
WC_COURSE_PROVIDER_DS	PROVIDER_EMAIL	VARCHAR2(100)	XXLM_COURSE_PROVIDER	COURSE_TYPE
WC_COURSE_PROVIDER_DS	PROVIDER_TYPE	VARCHAR2(100)	XXLM_COURSE_PROVIDER	MEANING
WC_COURSE_PROVIDER_DS	PROVIDER_EMPLOYEE_ID	NUMBER	XXLM_COURSE_PROVIDER	COURSE_SUB_TYPE
WC_COURSE_PROVIDER_DS	PROVIDER_VENDOR_ID	NUMBER	FND_LOOKUP_VALUES	MEANING
WC_COURSE_PROVIDER_DS	PROVIDER_PARTY_ID	NUMBER	PO_VENDORS PER_ALL_PEOPLE_F	COALESCE(EMPLOYEE_PARTY_ID, VENDOR_PARTY_ID)
WC_COURSE_PROVIDER_DS	CREATED_BY_ID	VARCHAR(80)	XXLM_COURSE_PROVIDER	CREATED_BY
WC_COURSE_PROVIDER_DS	CHANGED_BY_ID	VARCHAR(80)	XXLM_COURSE_PROVIDER	LAST_UPDATED_BY
WC_COURSE_PROVIDER_DS	CREATED_ON_DT	DATE	XXLM_COURSE_PROVIDER	CREATION_DATE
WC_COURSE_PROVIDER_DS	CHANGED_ON_DT	DATE	XXLM_COURSE_PROVIDER	LAST_UPDATE_DATE

WC_COURSE_CONTENT_DS	AUX1_CHANGED_ON_DT	DATE	XXLM_COURSE_PROVIDER	LAST_UPDATE_DATE
WC_COURSE_CONTENT_DS	AUX2_CHANGED_ON_DT	DATE		NULL
WC_COURSE_CONTENT_DS	AUX3_CHANGED_ON_DT	DATE		NULL
WC_COURSE_CONTENT_DS	AUX4_CHANGED_ON_DT	DATE		NULL
WC_COURSE_CONTENT_DS	DATASOURCE_NUM_ID	NUMBER	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_COURSE_CONTENT_DS	INTEGRATION_ID	VARCHAR(100)	PER_COMPETENCES	TO_CHAR(COURSE_PROVIDER_ID)
WC_COURSE_CONTENT_DS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_COURSE_CONTENT_DS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping *SIL_CourseProviderDimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_COURSE_PROVIDER_D	ROW_WID	NUMBER	WC_COURSE_PROVIDER_D_SEQ	NEXT_VAL
WC_COURSE_PROVIDER_D	COURSE_PROVIDER_ID	NUMBER	WC_COURSE_PROVIDER_DS	COURSE_PROVIDER_ID
WC_COURSE_PROVIDER_D	PROVIDER_NAME	VARCHAR2(100)	WC_COURSE_PROVIDER_DS	PROVIDER_NAME
WC_COURSE_PROVIDER_D	PROVIDER_ADDRESS	VARCHAR2(100)	WC_COURSE_PROVIDER_DS	PROVIDER_ADDRESS
WC_COURSE_PROVIDER_D	PROVIDER_TELEPHONE	VARCHAR2(100)	WC_COURSE_PROVIDER_DS	PROVIDER_TELEPHONE
WC_COURSE_PROVIDER_D	PROVIDER_FAX	VARCHAR2(100)	WC_COURSE_PROVIDER_DS	PROVIDER_FAX
WC_COURSE_PROVIDER_D	PROVIDER_EMAIL	VARCHAR2(100)	WC_COURSE_PROVIDER_DS	PROVIDER_EMAIL
WC_COURSE_PROVIDER_D	PROVIDER_TYPE	VARCHAR2(100)	WC_COURSE_PROVIDER_DS	PROVIDER_TYPE
WC_COURSE_PROVIDER_D	PROVIDER_EMPLOYEE_ID	NUMBER	WC_COURSE_PROVIDER_DS	PROVIDER_EMPLOYEE_ID
WC_COURSE_PROVIDER_D	PROVIDER_VENDOR_ID	NUMBER	WC_COURSE_PROVIDER_DS	PROVIDER_VENDOR_ID
WC_COURSE_PROVIDER_D	PROVIDER_PARTY_ID	NUMBER	WC_COURSE_PROVIDER_DS	PROVIDER_PARTY_ID
WC_COURSE_PROVIDER_D	CREATED_BY_WID	NUMBER	LKP_W_USER_D	ROW_WID
WC_COURSE_PROVIDER_D	CHANGED_BY_WID	NUMBER	LKP_W_USER_D	ROW_WID
WC_COURSE_PROVIDER_D	CREATED_ON_DT	DATE	WC_COURSE_PROVIDER_DS	CREATED_ON_DT
WC_COURSE_PROVIDER_D	CHANGED_ON_DT	DATE	WC_COURSE_PROVIDER_DS	CHANGED_ON_DT
WC_COURSE_PROVIDER_D	AUX1_CHANGED_ON_DT	DATE	WC_COURSE_PROVIDER_DS	AUX1_CHANGED_ON_DT
WC_COURSE_PROVIDER_D	AUX2_CHANGED_ON_DT	DATE	WC_COURSE_PROVIDER_DS	AUX2_CHANGED_ON_DT
WC_COURSE_PROVIDER_D	AUX3_CHANGED_ON_DT	DATE	WC_COURSE_PROVIDER_DS	AUX3_CHANGED_ON_DT
WC_COURSE_PROVIDER_D	AUX4_CHANGED_ON_DT	DATE	WC_COURSE_PROVIDER_DS	AUX4_CHANGED_ON_DT
WC_COURSE_PROVIDER_D	DATASOURCE_NUM_ID	NUMBER	WC_COURSE_PROVIDER_DS	DATASOURCE_NUM_ID
WC_COURSE_PROVIDER_D	INTEGRATION_ID	VARCHAR(100)	WC_COURSE_PROVIDER_DS	INTEGRATION_ID
WC_COURSE_PROVIDER_D	TENANT_ID	VARCHAR2(80)	WC_COURSE_PROVIDER_DS	TENANT_ID
WC_COURSE_PROVIDER_D	X_CUSTOM	VARCHAR2(10)	WC_COURSE_PROVIDER_DS	X_CUSTOM
WC_COURSE_PROVIDER_D	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_COURSE_PROVIDER_D	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME

WC_COURSE_PROVIDER_D	ETL_PROC_WID	NUMBER	PROJECT VARIABLE	#ETL_PROC_WID

```
CREATE TABLE WC_CLASS_RQSTN_BS
    (
        CLASS_RQSTN_ID                  NUMBER,
        CLASS_ID                        NUMBER,
        OFFERING_ID                     NUMBER,
        COURSE_CONTENT_ID               NUMBER,
        COURSE_PROVIDER_ID              NUMBER,
        CLASS_START_DATE                DATE,
        CLASS_END_DATE                  DATE,
        CLASS_PLAN_NAME                 VARCHAR2(1000 CHAR),
        CLASS_PLAN_START_DATE           DATE,
        CLASS_PLAN_END_DATE             DATE,
        CLASS_PLAN_PERIOD_YEAR          NUMBER,
        CLASS_PLAN_PERIOD_QUARTER       NUMBER,
        CLASS_PLAN_PERIOD_NAME          VARCHAR2(15 CHAR),
        PURCH_RQSTN_NUM                 VARCHAR2(30 CHAR),
        PURCH_RQSTN_TYPE                VARCHAR2(10 CHAR),
        RQSTN_ORG_ID                    VARCHAR2(80 CHAR),
        DOC_CURR_CODE                   VARCHAR2(30 CHAR),
        CLASS_RQSTN_AMT                 NUMBER(28,10),
        CREATED_BY_ID                   VARCHAR2(80 CHAR),
        CHANGED_BY_ID                   VARCHAR2(80 CHAR),
        CREATED_ON_DT                   DATE,
        CHANGED_ON_DT                   DATE,
        AUX1_CHANGED_ON_DT              DATE,
        AUX2_CHANGED_ON_DT              DATE,
        AUX3_CHANGED_ON_DT              DATE,
        AUX4_CHANGED_ON_DT              DATE,
        INTEGRATION_ID                  VARCHAR2(100 CHAR),
        DATASOURCE_NUM_ID               NUMBER(10,0),
        TENANT_ID                       VARCHAR2(80 CHAR),
        X_CUSTOM                        VARCHAR2(10 CHAR)
    );
```

CLEARPEAKS

```
CREATE TABLE WC_CLASS_RQSTN_B
  (
     COURSE_CONTENT_WID          NUMBER(10,0),
     COURSE_PROVIDER_WID         NUMBER(10,0),
     RQSTN_ORG_WID               NUMBER(10,0),
     COURSE_PROVIDER_PARTY_WID   NUMBER(10,0),
     CLASS_START_DAY_WID         NUMBER(10,0),
     CLASS_END_DAY_WID           NUMBER(10,0),
     CLASS_PLAN_YEAR_WID         NUMBER(10,0),
     CLASS_PLAN_QUARTER_WID      NUMBER(10,0),
     CLASS_PLAN_PERIOD_WID       NUMBER(10,0),
     CLASS_RQSTN_ID              NUMBER(10,0),
     CLASS_ID                    NUMBER(10,0),
     OFFERING_ID                 NUMBER(10,0),
     CLASS_PLAN_NAME             VARCHAR2(1000 CHAR),
     PURCH_RQSTN_NUM             VARCHAR2(30 CHAR),
     PURCH_RQSTN_TYPE            VARCHAR2(10 CHAR),
     RQSTN_ORG_ID                VARCHAR2(80 CHAR),
     DOC_CURR_CODE               VARCHAR2(30 CHAR),
     CLASS_RQSTN_AMT             NUMBER(28,10),
     CREATED_BY_WID              NUMBER(10,0),
     CHANGED_BY_WID              NUMBER(10,0),
     CREATED_ON_DT               DATE,
     CHANGED_ON_DT               DATE,
     AUX1_CHANGED_ON_DT          DATE,
     AUX2_CHANGED_ON_DT          DATE,
     AUX3_CHANGED_ON_DT          DATE,
     AUX4_CHANGED_ON_DT          DATE,
     TENANT_ID                   VARCHAR2(80 CHAR),
     X_CUSTOM                    VARCHAR2(10 CHAR),
     W_INSERT_DT                 DATE,
     W_UPDATE_DT                 DATE,
     DATASOURCE_NUM_ID           NUMBER(10,0),
     INTEGRATION_ID              VARCHAR2(100 CHAR),
     ETL_PROC_WID                NUMBER(10,0)
  );
```

Mapping *SDE_ORA_ClassRequisitionBridge*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_CLASS_RQSTN_BS	CLASS_RQSTN_ID	NUMBER	XXLM_CLASS_PO_REQ	CLASS_RQSTN_ID
WC_CLASS_RQSTN_BS	CLASS_ID	NUMBER	XXLM_CLASSES	CLASS_ID
WC_CLASS_RQSTN_BS	OFFERING_ID	NUMBER	XXLM_OFFERINGS	OFFERING_ID
WC_CLASS_RQSTN_BS	COURSE_CONTENT_ID	NUMBER	XXLM_OFFERINGS	COURSE_ID
WC_CLASS_RQSTN_BS	COURSE_PROVIDER_ID	NUMBER	XXLM_OFFERINGS	COURSE_PROVIDER_ID
WC_CLASS_RQSTN_BS	CLASS_START_DATE	DATE	XXLM_CLASSES	START_DATE
WC_CLASS_RQSTN_BS	CLASS_END_DATE	DATE	XXLM_CLASSES	END_DATE
WC_CLASS_RQSTN_BS	CLASS_PLAN_NAME	VARCHAR2(1000)	XXLM_CLASSES_PLAN	CLASSES_PLAN_NAME

WC_CLASS_RQSTN_BS	CLASS_PLAN_START_DATE	DATE	XXLM_CLASSES_PLAN	START_DATE
WC_CLASS_RQSTN_BS	CLASS_PLAN_END_DATE	DATE	XXLM_CLASSES_PLAN	END_DATE
WC_CLASS_RQSTN_BS	CLASS_PLAN_PERIOD_YEAR	NUMBER	XXLM_CLASSES_PLAN	PLAN_PERIOD_YEAR
WC_CLASS_RQSTN_BS	CLASS_PLAN_PERIOD_QUARTER	NUMBER	XXLM_CLASSES_PLAN	PLAN_PERIOD_QUARTER
WC_CLASS_RQSTN_BS	CLASS_PLAN_PERIOD_NAME	VARCHAR2(15)	XXLM_CLASSES_PLAN	PLAN_PERIOD_NAME
WC_CLASS_RQSTN_BS	PURCH_RQSTN_NUM	VARCHAR2(30)	XXLM_CLASS_PO_REQ	REQ_NUM
WC_CLASS_RQSTN_BS	PURCH_RQSTN_TYPE	VARCHAR2(10)	XXLM_CLASS_PO_REQ	REQ_TYPE
WC_CLASS_RQSTN_BS	RQSTN_ORG_ID	VARCHAR2(80)	XXLM_CLASS_PO_REQ	ORG_ID
WC_CLASS_RQSTN_BS	DOC_CURR_CODE	VARCHAR2(30)	XXLM_CLASS_PO_REQ	REQ_CURR_CODE
WC_CLASS_RQSTN_BS	CLASS_RQSTN_AMT	NUMBER(28, 10)	XXLM_CLASS_PO_REQ	REQ_AMT
WC_CLASS_RQSTN_BS	CREATED_BY_ID	VARCHAR(80)	XXLM_CLASS_PO_REQ	CREATED_BY
WC_CLASS_RQSTN_BS	CHANGED_BY_ID	VARCHAR(80)	XXLM_CLASS_PO_REQ	LAST_UPDATED_BY
WC_CLASS_RQSTN_BS	CREATED_ON_DT	DATE	XXLM_CLASS_PO_REQ	CREATION_DATE
WC_CLASS_RQSTN_BS	CHANGED_ON_DT	DATE	XXLM_CLASS_PO_REQ	LAST_UPDATE_DATE
WC_CLASS_RQSTN_BS	AUX1_CHANGED_ON_DT	DATE	XXLM_CLASS_PO_REQ	LAST_UPDATE_DATE
WC_CLASS_RQSTN_BS	AUX2_CHANGED_ON_DT	DATE		NULL
WC_CLASS_RQSTN_BS	AUX3_CHANGED_ON_DT	DATE		NULL
WC_CLASS_RQSTN_BS	AUX4_CHANGED_ON_DT	DATE		NULL
WC_CLASS_RQSTN_BS	DATASOURCE_NUM_ID	NUMBER	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_CLASS_RQSTN_BS	INTEGRATION_ID	VARCHAR(100)	PER_COMPETENCES	CLASS_RQSTN_ID
WC_CLASS_RQSTN_BS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_CLASS_RQSTN_BS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping *SIL_ClassRequisitionBridge*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_CLASS_RQSTN_B	CLASS_PLAN_PERIOD_WID	NUMBER	W_MCAL_PERIOD_D	ROW_WID
WC_CLASS_RQSTN_B	CLASS_PLAN_QUARTER_WID	NUMBER	W_MCAL_QTR_D	ROW_WID
WC_CLASS_RQSTN_B	CLASS_PLAN_YEAR_WID	NUMBER	W_MCAL_YEAR_D	ROW_WID
WC_CLASS_RQSTN_B	COURSE_CONTENT_WID	NUMBER	WC_COURSE_CONTENT_D	ROW_WID
WC_CLASS_RQSTN_B	COURSE_PROVIDER_WID	NUMBER	WC_COURSE_PROVIDER_D	ROW_WID
WC_CLASS_RQSTN_B	CLASS_START_DAY_WID	NUMBER	WC_CLASS_RQSTN_BS	CALCULATE_DT_WID(CLASS_START_DATE)
WC_CLASS_RQSTN_B	CLASS_END_DAY_WID	NUMBER	WC_CLASS_RQSTN_BS	CALCULATE_DT_WID(CLASS_end_DATE)
WC_CLASS_RQSTN_B	COURSE_PROVIDER_PARTY_WID	NUMBER	W_COURSE_PROVIDER_PARTY_D	ROW_WID
WC_CLASS_RQSTN_B	RQSTN_ORG_WID	NUMBER	W_INT_ORG_D	Scd1_WID
WC_CLASS_RQSTN_B	CLASS_RQSTN_ID	NUMBER	WC_CLASS_RQSTN_BS	CLASS_RQSTN_ID
WC_CLASS_RQSTN_B	CLASS_ID	NUMBER	WC_CLASS_RQSTN_BS	CLASS_ID

WC_CLASS_RQSTN_B	OFFERING_ID	NUMBER	WC_CLASS_RQSTN_BS	OFFERING_ID
WC_CLASS_RQSTN_B	COURSE_CONTENT_ID	NUMBER	WC_CLASS_RQSTN_BS	COURSE_CONTENT_ID
WC_CLASS_RQSTN_B	COURSE_PROVIDER_ID	NUMBER	WC_CLASS_RQSTN_BS	COURSE_PROVIDER_ID
WC_CLASS_RQSTN_B	CLASS_START_DATE	DATE	WC_CLASS_RQSTN_BS	CLASS_START_DATE
WC_CLASS_RQSTN_B	CLASS_END_DATE	DATE	WC_CLASS_RQSTN_BS	CLASS_END_DATE
WC_CLASS_RQSTN_B	CLASS_PLAN_NAME	VARCHAR2(1000)	WC_CLASS_RQSTN_BS	CLASS_PLAN_NAME
WC_CLASS_RQSTN_B	CLASS_PLAN_START_DATE	DATE	WC_CLASS_RQSTN_BS	CLASS_PLAN_START_DATE
WC_CLASS_RQSTN_B	CLASS_PLAN_END_DATE	DATE	WC_CLASS_RQSTN_BS	CLASS_PLAN_END_DATE
WC_CLASS_RQSTN_B	CLASS_PLAN_PERIOD_YEAR	NUMBER	WC_CLASS_RQSTN_BS	CLASS_PLAN_PERIOD_YEAR
WC_CLASS_RQSTN_B	CLASS_PLAN_PERIOD_QUARTER	NUMBER	WC_CLASS_RQSTN_BS	CLASS_PLAN_PERIOD_QUARTER
WC_CLASS_RQSTN_B	CLASS_PLAN_PERIOD_NAME	VARCHAR2(15)	WC_CLASS_RQSTN_BS	CLASS_PLAN_PERIOD_NAME
WC_CLASS_RQSTN_B	PURCH_RQSTN_NUM	VARCHAR2(30)	WC_CLASS_RQSTN_BS	PURCH_RQSTN_NUM
WC_CLASS_RQSTN_B	PURCH_RQSTN_TYPE	VARCHAR2(10)	WC_CLASS_RQSTN_BS	PURCH_RQSTN_TYPE
WC_CLASS_RQSTN_B	RQSTN_ORG_ID	VARCHAR2(80)	WC_CLASS_RQSTN_BS	RQSTN_ORG_ID
WC_CLASS_RQSTN_B	DOC_CURR_CODE	VARCHAR2(30)	WC_CLASS_RQSTN_BS	DOC_CURR_CODE
WC_CLASS_RQSTN_B	CLASS_RQSTN_AMT	NUMBER(28, 10)	WC_CLASS_RQSTN_BS	CLASS_RQSTN_AMT
WC_CLASS_RQSTN_B	CREATED_BY_ID	NUMBER	WC_CLASS_RQSTN_BS	CREATED_BY_ID
WC_CLASS_RQSTN_B	CHANGED_BY_ID	NUMBER	WC_CLASS_RQSTN_BS	CHANGED_BY_ID
WC_CLASS_RQSTN_B	CREATED_ON_DT	DATE	WC_CLASS_RQSTN_BS	CREATED_ON_DT
WC_CLASS_RQSTN_B	CHANGED_ON_DT	DATE	WC_CLASS_RQSTN_BS	CHANGED_ON_DT
WC_CLASS_RQSTN_B	AUX1_CHANGED_ON_DT	DATE	WC_CLASS_RQSTN_BS	AUX1_CHANGED_ON_DT
WC_CLASS_RQSTN_B	AUX2_CHANGED_ON_DT	DATE	WC_CLASS_RQSTN_BS	AUX2_CHANGED_ON_DT
WC_CLASS_RQSTN_B	AUX3_CHANGED_ON_DT	DATE	WC_CLASS_RQSTN_BS	AUX3_CHANGED_ON_DT
WC_CLASS_RQSTN_B	AUX4_CHANGED_ON_DT	DATE	WC_CLASS_RQSTN_BS	AUX4_CHANGED_ON_DT
WC_CLASS_RQSTN_B	DATASOURCE_NUM_ID	NUMBER	WC_CLASS_RQSTN_BS	DATASOURCE_NUM_ID
WC_CLASS_RQSTN_B	INTEGRATION_ID	VARCHAR(100)	WC_CLASS_RQSTN_BS	INTEGRATION_ID
WC_CLASS_RQSTN_B	TENANT_ID	VARCHAR2(80)	WC_CLASS_RQSTN_BS	TENANT_ID
WC_CLASS_RQSTN_B	X_CUSTOM	VARCHAR2(10)	WC_CLASS_RQSTN_BS	X_CUSTOM
WC_CLASS_RQSTN_B	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_CLASS_RQSTN_B	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_CLASS_RQSTN_B	ETL_PROC_WID	NUMBER	PROJECT VARIABLE	#ETL_PROC_WID

4.5.21 Learning and Training Fact

```
CREATE TABLE WC_CLASS_ATTENDANCE_FS
    (
        CLASS_ID                        NUMBER,
        OFFERING_ID                     NUMBER,
        COURSE_CONTENT_ID               NUMBER,
        COURSE_PROVIDER_ID              NUMBER,
        EMPLOYEE_ID                     NUMBER,
        CLASS_START_DATE                DATE,
        CLASS_END_DATE                  DATE,
        CLASS_PLAN_NAME                 VARCHAR2(1000 CHAR),
        CLASS_PLAN_START_DATE           DATE,
        CLASS_PLAN_END_DATE             DATE,
        CLASS_PLAN_PERIOD_YEAR          NUMBER,
        CLASS_PLAN_PERIOD_QUARTER       NUMBER,
        CLASS_PLAN_PERIOD_NAME          VARCHAR2(15 CHAR),
        CLASS_ENROLLMENT_STATUS         VARCHAR2(50 CHAR),
        CLASS_ATTENDANCE_STATUS         VARCHAR2(50 CHAR),
        CLASS_CANCEL_STATUS             VARCHAR2(50 CHAR),
        CLASS_PROVIDED_CNT              NUMBER,
        CLASS_PROVIDED_DAYS_CNT         NUMBER,
        CLASS_ENROLLED_EMPLOYEE_CNT     NUMBER,
        CLASS_ATTENDED_EMPLOYEE_CNT     NUMBER,
        CLASS_CANCELLED_EMPLOYEE_CNT    NUMBER,
        CLASS_PART_ATTEN_EMPLOYEE_CNT   NUMBER,
        CLASS_ABSENT_EMPLOYEE_CNT       NUMBER,
        CLASS_IN_PROC_EMPLOYEE_CNT      NUMBER,
        COURSE_CONTENT_RATING           NUMBER,
        COURSE_PROVIDER_RATING          NUMBER,
        COURSE_OFFERING_RATING          NUMBER,
        CREATED_BY_ID                   VARCHAR2(80 CHAR),
        CHANGED_BY_ID                   VARCHAR2(80 CHAR),
        CREATED_ON_DT                   DATE,
        CHANGED_ON_DT                   DATE,
        AUX1_CHANGED_ON_DT              DATE,
        AUX2_CHANGED_ON_DT              DATE,
        AUX3_CHANGED_ON_DT              DATE,
        AUX4_CHANGED_ON_DT              DATE,
        INTEGRATION_ID                  VARCHAR2(100 CHAR),
        DATASOURCE_NUM_ID               NUMBER(10,0),
        TENANT_ID                       VARCHAR2(80 CHAR),
        X_CUSTOM                        VARCHAR2(10 CHAR)
    );
```

```
CREATE TABLE WC_CLASS_ATTENDANCE_F
   (
      COURSE_CONTENT_WID                NUMBER(10,0),
      COURSE_PROVIDER_WID               NUMBER(10,0),
      COURSE_PROVIDER_PARTY_WID         NUMBER(10,0),
      EMPLOYEE_WID                      NUMBER(10,0),
      CLASS_START_DAY_WID               NUMBER(10,0),
      CLASS_END_DAY_WID                 NUMBER(10,0),
      CLASS_PLAN_YEAR_WID               NUMBER(10,0),
      CLASS_PLAN_QUARTER_WID            NUMBER(10,0),
      CLASS_PLAN_PERIOD_WID             NUMBER(10,0),
      CLASS_ID                          NUMBER(10,0),
      OFFERING_ID                       NUMBER(10,0),
      CLASS_PLAN_NAME                   VARCHAR2(1000 CHAR),
      CLASS_ENROLLMENT_STATUS           VARCHAR2(50 CHAR),
      CLASS_ATTENDANCE_STATUS           VARCHAR2(50 CHAR),
      CLASS_CANCEL_STATUS               VARCHAR2(50 CHAR),
      CLASS_PROVIDED_CNT                NUMBER(10,0),
      CLASS_PROVIDED_DAYS_CNT           NUMBER(10,0),
      CLASS_ENROLLED_EMPLOYEE_CNT       NUMBER(10,0),
      CLASS_ATTENDED_EMPLOYEE_CNT       NUMBER(10,2),
      CLASS_CANCELLED_EMPLOYEE_CNT      NUMBER(10,0),
      CLASS_PART_ATTEN_EMPLOYEE_CNT     NUMBER(10,0),
      CLASS_ABSENT_EMPLOYEE_CNT         NUMBER(10,0),
      CLASS_IN_PROC_EMPLOYEE_CNT        NUMBER(10,0),
      COURSE_CONTENT_RATING             NUMBER(10,2),
      COURSE_PROVIDER_RATING            NUMBER(10,2),
      COURSE_OFFERING_RATING            NUMBER(10,2),
      CREATED_BY_WID                    NUMBER(10,0),
      CHANGED_BY_WID                    NUMBER(10,0),
      CREATED_ON_DT                     DATE,
      CHANGED_ON_DT                     DATE,
      AUX1_CHANGED_ON_DT                DATE,
      AUX2_CHANGED_ON_DT                DATE,
      AUX3_CHANGED_ON_DT                DATE,
      AUX4_CHANGED_ON_DT                DATE,
      TENANT_ID                         VARCHAR2(80 CHAR),
      X_CUSTOM                          VARCHAR2(10 CHAR),
      W_INSERT_DT                       DATE,
      W_UPDATE_DT                       DATE,
      DATASOURCE_NUM_ID                 NUMBER(10,0),
      INTEGRATION_ID                    VARCHAR2(100 CHAR),
      ETL_PROC_WID                      NUMBER(10,0)
   );
```

Mapping *SDE_ORA_ClassAttendanceFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_CLASS_ATTENDANCE_FS	AUX1_CHANGED_ON_DT	DATE	XXLM_CLASS_ENROLLMENTS	LAST_UPDATE_DATE
WC_CLASS_ATTENDANCE_FS	CHANGED_BY_ID	VARCHAR2(80)	XXLM_CLASS_ENROLLMENTS	LAST_UPDATED_BY

WC_CLASS_ATTENDANCE_FS	CHANGED_ON_DT	DATE	XXLM_CLASS_ENROLLMENTS	LAST_UPDATE_DATE
WC_CLASS_ATTENDANCE_FS	CLASS_ABSENT_EMPLOYEE_CNT	NUMBER()	XXLM_CLASS_ENROLLMENTS	CASE WHEN ATTENDENCE_STATUS_CODE = 'Absent' THEN 1 ELSE 0 END
WC_CLASS_ATTENDANCE_FS	CLASS_ATTENDANCE_STATUS	VARCHAR2(50)	XXLM_CLASS_ENROLLMENTS	CLASS_ATTENDANCE_STATUS
WC_CLASS_ATTENDANCE_FS	CLASS_ATTENDED_EMPLOYEE_CNT	NUMBER()	XXLM_CLASS_ENROLLMENTS	CASE WHEN ATTENDENCE_STATUS_CODE = 'Attended' THEN 1 ELSE 0 END
WC_CLASS_ATTENDANCE_FS	CLASS_CANCELLED_EMPLOYEE_CNT	NUMBER()	XXLM_CLASS_ENROLLMENTS	CASE WHEN CANCEL_STATUS IS NOT NULL THEN 1 ELSE 0 END
WC_CLASS_ATTENDANCE_FS	CLASS_CANCEL_STATUS	VARCHAR2(50)	XXLM_CLASS_ENROLLMENTS	CANCEL_STATUS
WC_CLASS_ATTENDANCE_FS	CLASS_END_DATE	DATE	XXLM_CLASSES	END_DATE
WC_CLASS_ATTENDANCE_FS	CLASS_ENROLLED_EMPLOYEE_CNT	NUMBER()	XXLM_CLASS_ENROLLMENTS	CASE WHEN ENROLLMENT_STATUS = 'Approved' THEN 1 ELSE 0 END
WC_CLASS_ATTENDANCE_FS	CLASS_ENROLLMENT_STATUS	VARCHAR2(50)	XXLM_CLASS_ENROLLMENTS	ENROLLMENT_STATUS
WC_CLASS_ATTENDANCE_FS	CLASS_ID	NUMBER()	XXLM_CLASSES	CLASS_ID
WC_CLASS_ATTENDANCE_FS	CLASS_IN_PROC_EMPLOYEE_CNT	NUMBER()	XXLM_CLASS_ENROLLMENTS	CASE WHEN ATTENDENCE_STATUS_CODE = 'In-Process' THEN 1 ELSE 0 END
WC_CLASS_ATTENDANCE_FS	CLASS_PART_ATTEN_EMPLOYEE_CNT	NUMBER()	XXLM_CLASS_ENROLLMENTS	CASE WHEN ATTENDENCE_STATUS_CODE = 'Partially Attended' THEN 1 ELSE 0 END
WC_CLASS_ATTENDANCE_FS	CLASS_PLAN_END_DATE	DATE	XXLM_CLASSES_PLAN	END_DATE
WC_CLASS_ATTENDANCE_FS	CLASS_PLAN_NAME	VARCHAR2(1000)	XXLM_CLASSES_PLAN	CLASSES_PLAN_NAME
WC_CLASS_ATTENDANCE_FS	CLASS_PLAN_PERIOD_NAME	VARCHAR2(15)	XXLM_CLASSES_PLAN	PLAN_PERIOD_NAME
WC_CLASS_ATTENDANCE_FS	CLASS_PLAN_PERIOD_QUARTER	NUMBER()	XXLM_CLASSES_PLAN	PLAN_PERIOD_QUARTER
WC_CLASS_ATTENDANCE_FS	CLASS_PLAN_PERIOD_YEAR	NUMBER()	XXLM_CLASSES_PLAN	PLAN_PERIOD_YEAR
WC_CLASS_ATTENDANCE_FS	CLASS_PLAN_START_DATE	DATE	XXLM_CLASSES_PLAN	START_DATE
WC_CLASS_ATTENDANCE_FS	CLASS_PROVIDED_CNT	NUMBER()	CONSTANT	1
WC_CLASS_ATTENDANCE_FS	CLASS_PROVIDED_DAYS_CNT	NUMBER()	XXLM_CLASSES	TRUNC(END_DATE) - TRUNC(START_DATE)
WC_CLASS_ATTENDANCE_FS	CLASS_START_DATE	DATE	XXLM_CLASSES	START_DATE
WC_CLASS_ATTENDANCE_FS	COURSE_CONTENT_ID	NUMBER()	XXLM_OFFERINGS	COURSE_ID
WC_CLASS_ATTENDANCE_FS	COURSE_CONTENT_RATING	NUMBER()	XXLM_CLASS_ENROLLMENTS	CONTENT_RATING
WC_CLASS_ATTENDANCE_FS	COURSE_OFFERING_RATING	NUMBER()	XXLM_CLASS_ENROLLMENTS	(COALESCE(COURSE_CONTENT_RATING, COURSE_PROVIDER_RATING) + COALESCE(COURSE_PROVIDER_RATING, COURSE_CONTENT_RATING)) / 2
WC_CLASS_ATTENDANCE_FS	COURSE_PROVIDER_ID	NUMBER()	XXLM_OFFERINGS	COURSE_PROVIDER_ID
WC_CLASS_ATTENDANCE_FS	COURSE_PROVIDER_RATING	NUMBER()	XXLM_CLASS_ENROLLMENTS	INSTRUCTOR_RATING
WC_CLASS_ATTENDANCE_FS	CREATED_BY_ID	VARCHAR2(80)	XXLM_CLASS_ENROLLMENTS	CREATED_BY
WC_CLASS_ATTENDANCE_FS	CREATED_ON_DT	DATE	XXLM_CLASS_ENROLLMENTS	CREATION_DATE
WC_CLASS_ATTENDANCE_FS	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	# DATASOURCE_NUM_ID
WC_CLASS_ATTENDANCE_FS	EMPLOYEE_ID	NUMBER()	XXLM_CLASS_ENROLLMENTS	PERSON_ID
WC_CLASS_ATTENDANCE_FS	INTEGRATION_ID	VARCHAR2(100)	XXLM_CLASSES XXLM_CLASS_ENROLLMENTS	TO_CHAR(CLASS_ID) || '~' || TO_CHAR(EMPLOYEE_ID)
WC_CLASS_ATTENDANCE_FS	OFFERING_ID	NUMBER()	XXLM_OFFERINGS	OFFERING_ID
WC_CLASS_ATTENDANCE_FS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_CLASS_ATTENDANCE_FS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping SIL_ClassAttendanceFact

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMNS
WC_CLASS_ATTENDANCE_F	AUX1_CHANGED_ON_DT	DATE	WC_CLASS_ATTENDANCE_FS	AUX1_CHANGED_ON_DT
WC_CLASS_ATTENDANCE_F	AUX2_CHANGED_ON_DT	DATE	WC_CLASS_ATTENDANCE_FS	AUX2_CHANGED_ON_DT
WC_CLASS_ATTENDANCE_F	AUX3_CHANGED_ON_DT	DATE	WC_CLASS_ATTENDANCE_FS	AUX3_CHANGED_ON_DT
WC_CLASS_ATTENDANCE_F	AUX4_CHANGED_ON_DT	DATE	WC_CLASS_ATTENDANCE_FS	AUX4_CHANGED_ON_DT
WC_CLASS_ATTENDANCE_F	CHANGED_BY_WID	NUMBER(10)	LKP_W_USER_D	ROW_WID
WC_CLASS_ATTENDANCE_F	CHANGED_ON_DT	DATE	WC_CLASS_ATTENDANCE_FS	CHANGED_ON_DT
WC_CLASS_ATTENDANCE_F	CLASS_ABSENT_EMPLOYEE_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_ABSENT_EMPLOYEE_CNT
WC_CLASS_ATTENDANCE_F	CLASS_ATTENDANCE_STATUS	VARCHAR2(50)	WC_CLASS_ATTENDANCE_FS	CLASS_ATTENDANCE_STATUS
WC_CLASS_ATTENDANCE_F	CLASS_ATTENDED_EMPLOYEE_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_ATTENDED_EMPLOYEE_CNT
WC_CLASS_ATTENDANCE_F	CLASS_CANCELLED_EMPLOYEE_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_CANCELLED_EMPLOYEE_CNT
WC_CLASS_ATTENDANCE_F	CLASS_CANCEL_STATUS	VARCHAR2(50)	WC_CLASS_ATTENDANCE_FS	CLASS_CANCEL_STATUS
WC_CLASS_ATTENDANCE_F	CLASS_END_DAY_WID	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CALCULATE_DT_WID (CLASS_END_DATE)
WC_CLASS_ATTENDANCE_F	CLASS_ENROLLED_EMPLOYEE_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_ENROLLED_EMPLOYEE_CNT
WC_CLASS_ATTENDANCE_F	CLASS_ENROLLMENT_STATUS	VARCHAR2(50)	WC_CLASS_ATTENDANCE_FS	CLASS_ENROLLMENT_STATUS
WC_CLASS_ATTENDANCE_F	CLASS_ID	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_ID
WC_CLASS_ATTENDANCE_F	CLASS_IN_PROC_EMPLOYEE_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_IN_PROC_EMPLOYEE_CNT
WC_CLASS_ATTENDANCE_F	CLASS_PART_ATTEN_EMPLOYEE_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_PART_ATTEN_EMPLOYEE_CNT
WC_CLASS_ATTENDANCE_F	CLASS_PLAN_NAME	VARCHAR2(1000)	WC_CLASS_ATTENDANCE_FS	CLASS_PLAN_NAME
WC_CLASS_ATTENDANCE_F	CLASS_PLAN_PERIOD_WID	NUMBER(10)	W_MCAL_PERIOD_D	ROW_WID
WC_CLASS_ATTENDANCE_F	CLASS_PLAN_QUARTER_WID	NUMBER(10)	W_MCAL_QTR_D	ROW_WID
WC_CLASS_ATTENDANCE_F	CLASS_PLAN_YEAR_WID	NUMBER(10)	W_MCAL_YEAR_D	ROW_WID
WC_CLASS_ATTENDANCE_F	CLASS_PROVIDED_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_PROVIDED_CNT
WC_CLASS_ATTENDANCE_F	CLASS_PROVIDED_DAYS_CNT	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CLASS_PROVIDED_DAYS_CNT
WC_CLASS_ATTENDANCE_F	CLASS_START_DAY_WID	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	CALCULATE_DT_WID (CLASS_START_DATE)
WC_CLASS_ATTENDANCE_F	COURSE_CONTENT_RATING	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	COURSE_CONTENT_RATING
WC_CLASS_ATTENDANCE_F	COURSE_CONTENT_WID	NUMBER(10)	WC_COURSE_CONTENT_D	ROW_WID
WC_CLASS_ATTENDANCE_F	COURSE_OFFERING_RATING	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	COURSE_OFFERING_RATING
WC_CLASS_ATTENDANCE_F	COURSE_PROVIDER_PARTY_WID	NUMBER(10)	W_COURSE_PROVIDER_PARTY_D	ROW_WID
WC_CLASS_ATTENDANCE_F	COURSE_PROVIDER_RATING	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	COURSE_PROVIDER_RATING
WC_CLASS_ATTENDANCE_F	COURSE_PROVIDER_WID	NUMBER(10)	WC_COURSE_PROVIDER_D	ROW_WID
WC_CLASS_ATTENDANCE_F	CREATED_BY_WID	NUMBER(10)	LKP_W_USER_D	ROW_WID
WC_CLASS_ATTENDANCE_F	CREATED_ON_DT	DATE	WC_CLASS_ATTENDANCE_FS	CREATED_ON_DT
WC_CLASS_ATTENDANCE_F	DATASOURCE_NUM_ID	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	DATASOURCE_NUM_ID
WC_CLASS_ATTENDANCE_F	EMPLOYEE_WID	NUMBER(10)	W_EMPLOYEE_D	ROW_WID

WC_CLASS_ATTENDANCE_F	ETL_PROC_WID	NUMBER(10)	PROJECT VARIABLE	'#ETL_PROC_WID'
WC_CLASS_ATTENDANCE_F	INTEGRATION_ID	VARCHAR2(100)	WC_CLASS_ATTENDANCE_FS	INTEGRATION_ID
WC_CLASS_ATTENDANCE_F	OFFERING_ID	NUMBER(10)	WC_CLASS_ATTENDANCE_FS	OFFERING_ID
WC_CLASS_ATTENDANCE_F	TENANT_ID	VARCHAR2(80)	WC_CLASS_ATTENDANCE_FS	TENANT_ID
WC_CLASS_ATTENDANCE_F	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_CLASS_ATTENDANCE_F	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_CLASS_ATTENDANCE_F	X_CUSTOM	VARCHAR2(10)	WC_CLASS_ATTENDANCE_FS	X_CUSTOM

```
CREATE TABLE WC_OFFERING_COMPETENCES_FS
    (
        OFFERING_ID                     NUMBER,
        COURSE_CONTENT_ID               NUMBER,
        COURSE_PROVIDER_ID              NUMBER,
        COMPETENCE_ID                   NUMBER,
        COURSE_CONTENT_RATING           NUMBER,
        COURSE_PROVIDER_RATING          NUMBER,
        COURSE_OFFERING_RATING          NUMBER,
        CREATED_BY_ID                   VARCHAR2(80 CHAR),
        CHANGED_BY_ID                   VARCHAR2(80 CHAR),
        CREATED_ON_DT                   DATE,
        CHANGED_ON_DT                   DATE,
        AUX1_CHANGED_ON_DT              DATE,
        AUX2_CHANGED_ON_DT              DATE,
        AUX3_CHANGED_ON_DT              DATE,
        AUX4_CHANGED_ON_DT              DATE,
        INTEGRATION_ID                  VARCHAR2(100 CHAR),
        DATASOURCE_NUM_ID               NUMBER(10,0),
        TENANT_ID                       VARCHAR2(80 CHAR),
        X_CUSTOM                        VARCHAR2(10 CHAR)
    );

CREATE TABLE WC_OFFERING_COMPETENCES_F
    (   COURSE_CONTENT_WID              NUMBER(10,0),
        COURSE_PROVIDER_WID            NUMBER(10,0),
        COMPETENCE_WID                 NUMBER(10,0),
        OFFERING_ID                     NUMBER(10,0),
        COURSE_CONTENT_RATING           NUMBER(10,2),
        COURSE_PROVIDER_RATING          NUMBER(10,2),
        COURSE_OFFERING_RATING          NUMBER(10,2),
        CREATED_BY_WID                  NUMBER(10,0),
        CHANGED_BY_WID                  NUMBER(10,0),
        CREATED_ON_DT                   DATE,
        CHANGED_ON_DT                   DATE,
        AUX1_CHANGED_ON_DT              DATE,
        AUX2_CHANGED_ON_DT              DATE,
        AUX3_CHANGED_ON_DT              DATE,
        AUX4_CHANGED_ON_DT              DATE,
        TENANT_ID                       VARCHAR2(80 CHAR),
        X_CUSTOM                        VARCHAR2(10 CHAR),
        W_INSERT_DT                     DATE,
        W_UPDATE_DT                     DATE,
        DATASOURCE_NUM_ID               NUMBER(10,0),
        INTEGRATION_ID                  VARCHAR2(100 CHAR),
        ETL_PROC_WID                    NUMBER(10,0)
    );
```

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_OFFERING_COMPETENCES _FS	AUX1_CHANGED_ON_DT	DATE	XXLM_OFFERING_COMPETEN CES	LAST_UPDATE_DATE
WC_OFFERING_COMPETENCES _FS	CHANGED_BY_ID	VARCHAR2(80)	XXLM_OFFERING_COMPETEN CES	CHANGED_BY

WC_OFFERING_COMPETENCES_FS	CHANGED_ON_DT	DATE	XXLM_OFFERING_COMPETENCES	LAST_UPDATED_DATE
WC_OFFERING_COMPETENCES_FS	COMPETENCE_ID	NUMBER()	XXLM_OFFERING_COMPETENCES	COMPETENCE_ID
WC_OFFERING_COMPETENCES_FS	COURSE_CONTENT_ID	NUMBER()	XXLM_OFFERINGS	COURSE_ID
WC_OFFERING_COMPETENCES_FS	COURSE_CONTENT_RATING	NUMBER()	XXLM_CLASS_ENROLLMENTS	AVG (CONTENT_RATING)
WC_OFFERING_COMPETENCES_FS	COURSE_OFFERING_RATING	NUMBER()	XXLM_CLASS_ENROLLMENTS	(COALESCE(COURSE_CONTENT_RATING, COURSE_PROVIDER_RATING) + COALESCE(COURSE_PROVIDER_RATING, COURSE_CONTENT_RATING)) / 2
WC_OFFERING_COMPETENCES_FS	COURSE_PROVIDER_ID	NUMBER()	XXLM_OFFERINGS	COURSE_PROVIDER_ID
WC_OFFERING_COMPETENCES_FS	COURSE_PROVIDER_RATING	NUMBER()	XXLM_CLASS_ENROLLMENTS	AVG (INSTRUCTOR_RATING)
WC_OFFERING_COMPETENCES_FS	CREATED_BY_ID	VARCHAR2(80)	XXLM_OFFERING_COMPETENCES	CREATED_BY
WC_OFFERING_COMPETENCES_FS	CREATED_ON_DT	DATE	XXLM_OFFERING_COMPETENCES	CREATION_DATE
WC_OFFERING_COMPETENCES_FS	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	# DATASOURCE_NUM_ID
WC_OFFERING_COMPETENCES_FS	INTEGRATION_ID	VARCHAR2(100)	PROJECT VARIABLE	TO_CHAR(OFFERING_ID) || '~' || TO_CHAR(COMPETENCE_ID)
WC_OFFERING_COMPETENCES_FS	OFFERING_ID	NUMBER()	XXLM_OFFERING_COMPETENCES	OFFERING_ID
WC_OFFERING_COMPETENCES_FS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_OFFERING_COMPETENCES_FS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMNS
WC_OFFERING_COMPETENCES_F	AUX1_CHANGED_ON_DT	DATE	WC_OFFERING_COMPETENCES_FS	AUX1_CHANGED_ON_DT
WC_OFFERING_COMPETENCES_F	AUX2_CHANGED_ON_DT	DATE	WC_OFFERING_COMPETENCES_FS	AUX2_CHANGED_ON_DT
WC_OFFERING_COMPETENCES_F	AUX3_CHANGED_ON_DT	DATE	WC_OFFERING_COMPETENCES_FS	AUX3_CHANGED_ON_DT
WC_OFFERING_COMPETENCES_F	AUX4_CHANGED_ON_DT	DATE	WC_OFFERING_COMPETENCES_FS	AUX4_CHANGED_ON_DT
WC_OFFERING_COMPETENCES_F	CHANGED_BY_WID	NUMBER(10)	LKP_W_USER_D	ROW_WID
WC_OFFERING_COMPETENCES_F	CHANGED_ON_DT	DATE	WC_OFFERING_COMPETENCES_FS	CHANGED_ON_DT
WC_OFFERING_COMPETENCES_F	COMPETENCE_WID	NUMBER(10)	WC_COMPETENCES_D	ROW_WID

WC_OFFERING_COMPETENCES_F	COURSE_CONTENT_RATING	NUMBER(10)	WC_OFFERING_COMPETENCES_FS	COURSE_CONTENT_RATING
WC_OFFERING_COMPETENCES_F	COURSE_CONTENT_WID	NUMBER(10)	WC_COURSE_CONTENT_D	ROW_WID
WC_OFFERING_COMPETENCES_F	COURSE_OFFERING_RATING	NUMBER(10)	WC_OFFERING_COMPETENCES_FS	COURSE_OFFERING_RATING
WC_OFFERING_COMPETENCES_F	COURSE_PROVIDER_RATING	NUMBER(10)	WC_OFFERING_COMPETENCES_FS	COURSE_PROVIDER_RATING
WC_OFFERING_COMPETENCES_F	COURSE_PROVIDER_WID	NUMBER(10)	WC_COURSE_PROVIDER_D	ROW_WID
WC_OFFERING_COMPETENCES_F	CREATED_BY_WID	NUMBER(10)	LKP_W_USER_D	ROW_WID
WC_OFFERING_COMPETENCES_F	CREATED_ON_DT	DATE	WC_OFFERING_COMPETENCES_FS	CREATED_ON_DT
WC_OFFERING_COMPETENCES_F	DATASOURCE_NUM_ID	NUMBER(10)	WC_OFFERING_COMPETENCES_FS	DATASOURCE_NUM_ID
WC_OFFERING_COMPETENCES_F	ETL_PROC_WID	NUMBER(10)	PROJECT VARIABLE	#ETL_PROC_WID
WC_OFFERING_COMPETENCES_F	INTEGRATION_ID	VARCHAR2(100)	WC_OFFERING_COMPETENCES_FS	INTEGRATION_ID
WC_OFFERING_COMPETENCES_F	OFFERING_ID	NUMBER(10)	WC_OFFERING_COMPETENCES_FS	OFFERING_ID
WC_OFFERING_COMPETENCES_F	TENANT_ID	VARCHAR2(80)	WC_OFFERING_COMPETENCES_FS	TENANT_ID
WC_OFFERING_COMPETENCES_F	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_OFFERING_COMPETENCES_F	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_OFFERING_COMPETENCES_F	X_CUSTOM	VARCHAR2(10)	WC_OFFERING_COMPETENCES_FS	X_CUSTOM

4.5.22 Time and Attendance Fact

```
CREATE TABLE WC_EMP_DAILY_ATTENDANCE_FS
    (
        EMPLOYEE_NUMBER              VARCHAR2(20 CHAR),
        ATT_STATUS                   VARCHAR2(20 CHAR),
        ATT_ENTER_DT                 DATE,
        ATT_ENTER_TM                 NUMBER(10,3),
        ATT_EXIT_DT                  DATE,
        ATT_EXIT_TM                  NUMBER(10,3),
        SHIFT_CODE                   VARCHAR2(20 CHAR),
        SHIFT_START_DT               DATE,
        SHIFT_START_TM               NUMBER(10,3),
        SHIFT_END_DT                 DATE,
        SHIFT_END_TM                 VARCHAR2(20 CHAR),
        ATTENDANCE_TYPE              VARCHAR2(20 CHAR),
        OFF_DAY_FLAG                 NUMBER(1,0),
        HOLIDAY_FLAG                 NUMBER(1,0),
        TOTAL_ATT_HOUR               NUMBER(10,3),
        INTEGRATION_ID               VARCHAR2(80 CHAR),
        DATASOURCE_NUM_ID            NUMBER(10,0),
        TENANT_ID                    VARCHAR2(80 CHAR),
        CHANGED_BY_ID                VARCHAR2(80 CHAR),
        CHANGED_ON_DT                DATE,
        ATTENDANCE_DT                DATE,
        TOTAL_SHIFT_HOUR             NUMBER(10,3),
        ETL_PROC_WID                 NUMBER(10,0),
        W_INSERT_DT                  DATE,
        W_UPDATE_DT                  DATE
    );
CREATE TABLE WC_EMP_DAILY_ATTENDANCE_F
    (
        ROW_WID                      NUMBER(10,0),
        PERSON_WID                   NUMBER(10,0),
        EMPLOYEE_WID                 NUMBER(10,0),
        ATT_ENTER_DT_WID             NUMBER(10,0),
        ATT_ENTER_TM_WID             NUMBER(10,0),
        ATT_EXIT_DT_WID              NUMBER(10,0),
        ATT_EXIT_TM_WID              NUMBER(10,0),
        SHIFT_START_DT_WID           NUMBER(10,0),
        SHIFT_START_TM_WID           NUMBER(10,0),
        SHIFT_END_DT_WID             NUMBER(10,0),
        SHIFT_END_TM_WID             NUMBER(10,0),
        ATT_STATUS                   VARCHAR2(20 CHAR),
        ATT_ENTER_DT                 DATE,
        ATT_ENTER_TM                 NUMBER(10,3),
        ATT_EXIT_DT                  DATE,
        ATT_EXIT_TM                  NUMBER(10,3),
        SHIFT_CODE                   VARCHAR2(20 CHAR),
        SHIFT_START_DT               DATE,
        SHIFT_START_TM               NUMBER(10,3),
        SHIFT_END_DT                 DATE,
        SHIFT_END_TM                 NUMBER(10,3),
        ATTENDANCE_TYPE              VARCHAR2(20 CHAR),
        OFF_DAY_FLAG                 NUMBER(1,0),
        HOLIDAY_FLAG                 NUMBER(1,0),
        TOTAL_ATT_HOUR               NUMBER(10,3),
        INTEGRATION_ID               VARCHAR2(80 CHAR),
        DATASOURCE_NUM_ID            NUMBER(10,0),
        TENANT_ID                    VARCHAR2(80 CHAR),
        CHANGED_BY_ID                VARCHAR2(80 CHAR),
        CHANGED_ON_DT                DATE,
        ATTENDANCE_DT                DATE,
        ATTENDANCE_DT_WID            NUMBER(10,0),
        TOTAL_SHIFT_HOUR             NUMBER(10,3),
        ETL_PROC_WID                 NUMBER(10,0),
        W_INSERT_DT                  DATE,
        W_UPDATE_DT                  DATE
    );
```

Mapping *SDE_ORA_EmployeeAttendanceFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMP_DAILY_ATTENDANCE_FS	ATTENDANCE_DT	DATE	XXHR_EMP_DAILY_ATTEND_V	ATTNDATE
WC_EMP_DAILY_ATTENDANCE_FS	ATTENDANCE_TYPE	VARCHAR2(20)	XXHR_EMP_DAILY_ATTEND_V	CASE WHEN SHIFTCODE = NULL THEN 'R' ELSE 'S' END
WC_EMP_DAILY_ATTENDANCE_FS	ATT_ENTER_DT	DATE	XXHR_EMP_DAILY_ATTEND_V	FIRSTINDATE
WC_EMP_DAILY_ATTENDANCE_FS	ATT_ENTER_TM	NUMBER(10)	XXHR_EMP_DAILY_ATTEND_V	FIRSTINTIME
WC_EMP_DAILY_ATTENDANCE_FS	ATT_EXIT_DT	DATE	XXHR_EMP_DAILY_ATTEND_V	LASTOUTDATE
WC_EMP_DAILY_ATTENDANCE_FS	ATT_EXIT_TM	NUMBER(10)	XXHR_EMP_DAILY_ATTEND_V	LASTOUTTIME
WC_EMP_DAILY_ATTENDANCE_FS	ATT_STATUS	VARCHAR2(20)	XXHR_EMP_DAILY_ATTEND_V	ATTN_STATUS
WC_EMP_DAILY_ATTENDANCE_FS	CHANGED_BY_ID	VARCHAR2(80)	XXHR_EMP_DAILY_ATTEND_V	LASTMODIFIEDUSER
WC_EMP_DAILY_ATTENDANCE_FS	CHANGED_ON_DT	DATE	XXHR_EMP_DAILY_ATTEND_V	LASTMODIFIEDDATETIME
WC_EMP_DAILY_ATTENDANCE_FS	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_EMP_DAILY_ATTENDANCE_FS	EMPLOYEE_NUMBER	VARCHAR2(20)	XXHR_EMP_DAILY_ATTEND_V	EMPLOYEECODE
WC_EMP_DAILY_ATTENDANCE_FS	ETL_PROC_WID	NUMBER(10)	PROJECT VARIABLE	#ETL_PROC_WID
WC_EMP_DAILY_ATTENDANCE_FS	HOLIDAY_FLAG	NUMBER(1)	XXHR_EMP_DAILY_ATTEND_V	HOLIDAYFLAG
WC_EMP_DAILY_ATTENDANCE_FS	INTEGRATION_ID	VARCHAR2(80)	XXHR_EMP_DAILY_ATTEND_V	EMPLOYEECODE || '~' || ATTNDATE || '~' || FIRSTINTIME
WC_EMP_DAILY_ATTENDANCE_FS	LEAVE_FLAG	NUMBER(1)	XXHR_EMP_DAILY_ATTEND_V	CASE WHEN LEAVETYPECODE IS NOT NULL THEN 1 ELSE 0 END
WC_EMP_DAILY_ATTENDANCE_FS	OFF_DAY_FLAG	NUMBER(1)	XXHR_EMP_DAILY_ATTEND_V	CASE WHEN lower(OFFDAY) = 'true' THEN 1 ELSE 0 END
WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_CODE	VARCHAR2(20)	XXHR_EMP_DAILY_ATTEND_V	SHIFTCODE
WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_END_DT	DATE	XXHR_EMP_DAILY_ATTEND_V	SHIFTENDDATE
WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_END_TM	VARCHAR2(20)	XXHR_EMP_DAILY_ATTEND_V	SHIFTENDTIME
WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_START_DT	DATE	XXHR_EMP_DAILY_ATTEND_V	SHIFTSTARTDATE
WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_START_TM	NUMBER(10)	XXHR_EMP_DAILY_ATTEND_V	SHIFTSTARTTIME
WC_EMP_DAILY_ATTENDANCE_FS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_EMP_DAILY_ATTENDANCE_FS	TOTAL_ATT_HOUR	NUMBER(10)	XXHR_EMP_DAILY_ATTEND_V	TOTALATTNHRS
WC_EMP_DAILY_ATTENDANCE_FS	TOTAL_SHIFT_HOUR	NUMBER(10)	XXHR_EMP_DAILY_ATTEND_V	SHIFTREGHRS
WC_EMP_DAILY_ATTENDANCE_FS	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_EMP_DAILY_ATTENDANCE_FS	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME

Mapping *SIL_EmployeeAttendanceFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMP_DAILY_ATTENDANCE_F	ATTENDANCE_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	ATTENDANCE_DT
WC_EMP_DAILY_ATTENDANCE_F	ATTENDANCE_TYPE	VARCHAR2(20)	WC_EMP_DAILY_ATTENDANCE_FS	ATTENDANCE_TYPE
WC_EMP_DAILY_ATTENDANCE_F	ATT_ENTER_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	ATT_ENTER_DT
WC_EMP_DAILY_ATTENDANCE_F	ATT_ENTER_TM	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	ATT_ENTER_TM
WC_EMP_DAILY_ATTENDANCE_F	ATT_EXIT_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	ATT_EXIT_DT
WC_EMP_DAILY_ATTENDANCE_F	ATT_EXIT_TM	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	ATT_EXIT_TM
WC_EMP_DAILY_ATTENDANCE_F	ATT_STATUS	VARCHAR2(20)	WC_EMP_DAILY_ATTENDANCE_FS	ATT_STATUS
WC_EMP_DAILY_ATTENDANCE_F	CHANGED_BY_ID	VARCHAR2(80)	WC_EMP_DAILY_ATTENDANCE_FS	CHANGED_BY_ID
WC_EMP_DAILY_ATTENDANCE_F	CHANGED_ON_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	CHANGED_ON_DT
WC_EMP_DAILY_ATTENDANCE_F	DATASOURCE_NUM_ID	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	DATASOURCE_NUM_ID
WC_EMP_DAILY_ATTENDANCE_F	EMPLOYEE_WID	NUMBER(10)	W_EMPLOYEE_D	ROW_WID
WC_EMP_DAILY_ATTENDANCE_F	ETL_PROC_WID	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	ETL_PROC_WID
WC_EMP_DAILY_ATTENDANCE_F	HOLIDAY_FLAG	NUMBER(1)	WC_EMP_DAILY_ATTENDANCE_FS	HOLIDAY_FLAG
WC_EMP_DAILY_ATTENDANCE_F	INTEGRATION_ID	VARCHAR2(80)	WC_EMP_DAILY_ATTENDANCE_FS	INTEGRATION_ID
WC_EMP_DAILY_ATTENDANCE_F	LEAVE_FLAG	NUMBER(1)	WC_EMP_DAILY_ATTENDANCE_FS	LEAVE_FLAG
WC_EMP_DAILY_ATTENDANCE_F	OFF_DAY_FLAG	NUMBER(1)	WC_EMP_DAILY_ATTENDANCE_FS	OFF_DAY_FLAG
WC_EMP_DAILY_ATTENDANCE_F	PERSON_WID	NUMBER(10)	W_HR_PERSON_D	ROW_WID
WC_EMP_DAILY_ATTENDANCE_F	SHIFT_CODE	VARCHAR2(20)	WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_CODE
WC_EMP_DAILY_ATTENDANCE_F	SHIFT_END_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_END_DT
WC_EMP_DAILY_ATTENDANCE_F	SHIFT_END_TM	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_END_TM
WC_EMP_DAILY_ATTENDANCE_F	SHIFT_START_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_START_DT
WC_EMP_DAILY_ATTENDANCE_F	SHIFT_START_TM	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	SHIFT_START_TM
WC_EMP_DAILY_ATTENDANCE_F	TENANT_ID	VARCHAR2(80)	WC_EMP_DAILY_ATTENDANCE_FS	TENANT_ID
WC_EMP_DAILY_ATTENDANCE_F	TOTAL_ATT_HOUR	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	TOTAL_ATT_HOUR
WC_EMP_DAILY_ATTENDANCE_F	TOTAL_SHIFT_HOUR	NUMBER(10)	WC_EMP_DAILY_ATTENDANCE_FS	TOTAL_SHIFT_HOUR
WC_EMP_DAILY_ATTENDANCE_F	W_INSERT_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	W_INSERT_DT
WC_EMP_DAILY_ATTENDANCE_F	W_UPDATE_DT	DATE	WC_EMP_DAILY_ATTENDANCE_FS	W_UPDATE_DT
WC_EMP_DAILY_ATTENDANCE_F	ATT_ENTER_DT_WID	NUMBER	WC_EMP_DAILY_ATTENDANCE_FS	CALCULATE_DT_WID (ATT_ENTER_DT,0)
WC_EMP_DAILY_ATTENDANCE_F	SHIFT_START_DT_WID	NUMBER	WC_EMP_DAILY_ATTENDANCE_FS	CALCULATE_DT_WID (SHIFT_START_DT,0)
WC_EMP_DAILY_ATTENDANCE_F	ATT_EXIT_DT_WID	NUMBER	WC_EMP_DAILY_ATTENDANCE_FS	CALCULATE_DT_WID (ATT_EXIT_DT,0)
WC_EMP_DAILY_ATTENDANCE_F	SHIFT_END_DT_WID	NUMBER	WC_EMP_DAILY_ATTENDANCE_FS	CALCULATE_DT_WID (SHIFT_END_DT,0)

```
CREATE TABLE WC_REDUCED_WORK_HOURS_FS
    (
        EMPLOYEE_ID                 NUMBER,
        REASON_CODE                 VARCHAR2(100 BYTE),
        START_DATE                  DATE,
        END_DATE                    DATE,
        DESCRIPTION                 VARCHAR2(250 BYTE),
        NORMAL_WORKING_HOURS        NUMBER,
        REDUCED_WORKING_HOURS       NUMBER,
        CREATED_BY_ID               VARCHAR2(80 CHAR),
        CHANGED_BY_ID               VARCHAR2(80 CHAR),
        CREATED_ON_DT               DATE,
        CHANGED_ON_DT               DATE,
        AUX1_CHANGED_ON_DT          DATE,
        AUX2_CHANGED_ON_DT          DATE,
        AUX3_CHANGED_ON_DT          DATE,
        AUX4_CHANGED_ON_DT          DATE,
        INTEGRATION_ID              VARCHAR2(100 CHAR),
        DATASOURCE_NUM_ID           NUMBER(10,0),
        TENANT_ID                   VARCHAR2(80 CHAR),
        X_CUSTOM                    VARCHAR2(10 CHAR)
    );

CREATE TABLE WC_REDUCED_WORK_HOURS_F
    (
        EMPLOYEE_WID                NUMBER(10,0),
        REASON_CODE                 VARCHAR2(100 BYTE),
        START_DATE                  DATE,
        START_DATE_WID              NUMBER(10,0),
        END_DATE                    DATE,
        END_DATE_WID                NUMBER(10,0),
        DESCRIPTION                 VARCHAR2(250 BYTE),
        NORMAL_WORKING_HOURS        NUMBER(10,0),
        REDUCED_WORKING_HOURS       NUMBER(10,0),
        CREATED_BY_WID              NUMBER(10,0),
        CHANGED_BY_WID              NUMBER(10,0),
        CREATED_ON_DT               DATE,
        CHANGED_ON_DT               DATE,
        AUX1_CHANGED_ON_DT          DATE,
        AUX2_CHANGED_ON_DT          DATE,
        AUX3_CHANGED_ON_DT          DATE,
        AUX4_CHANGED_ON_DT          DATE,
        TENANT_ID                   VARCHAR2(80 CHAR),
        X_CUSTOM                    VARCHAR2(10 CHAR),
        W_INSERT_DT                 DATE,
        W_UPDATE_DT                 DATE,
        DATASOURCE_NUM_ID           NUMBER(10,0),
        INTEGRATION_ID              VARCHAR2(100 CHAR),
        ETL_PROC_WID                NUMBER(10,0)
    );
```

Mapping *SDE_ORA_ReducedWorkingHourFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_REDUCED_WORK_HOURS_FS	AUX1_CHANGED_ON_DT	DATE	PER_PERSON_ANALYSES	LAST_UPDATE_DATE
WC_REDUCED_WORK_HOURS_FS	CHANGED_BY_ID	VARCHAR2(80)	PER_PERSON_ANALYSES	LAST_UPDATED_BY
WC_REDUCED_WORK_HOURS_FS	CHANGED_ON_DT	DATE	PER_PERSON_ANALYSES	LAST_UPDATE_DATE

WC_REDUCED_WORK_HOURS_FS	CREATED_BY_ID	VARCHAR2(80)	PER_PERSON_ANALYSES	CREATED_BY
WC_REDUCED_WORK_HOURS_FS	CREATED_ON_DT	DATE	PER_PERSON_ANALYSES	CREATION_DATE
WC_REDUCED_WORK_HOURS_FS	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_REDUCED_WORK_HOURS_FS	DESCRIPTION	VARCHAR2(250)	PER_ANALYSIS_CRITERIA	SEGMENT4
WC_REDUCED_WORK_HOURS_FS	EMPLOYEE_ID	NUMBER()	PER_ANALYSIS_CRITERIA	PERSON_ID
WC_REDUCED_WORK_HOURS_FS	END_DATE	DATE	PER_ANALYSIS_CRITERIA	SEGMENT3
WC_REDUCED_WORK_HOURS_FS	INTEGRATION_ID	VARCHAR2(100)	EXPRESSION	TO_CHAR(EMPLOYEE_ID) || '~' || TO_CHAR(START_DATE, 'YYYYMMDD') || '~' || TO_CHAR(END_DATE, 'YYYYMMDD')
WC_REDUCED_WORK_HOURS_FS	NORMAL_WORKING_HOURS	NUMBER()	PER_ANALYSIS_CRITERIA	SEGMENT4
WC_REDUCED_WORK_HOURS_FS	REASON_CODE	VARCHAR2(100)	PER_ANALYSIS_CRITERIA	SEGMENT1
WC_REDUCED_WORK_HOURS_FS	REDUCED_WORKING_HOURS	NUMBER()	PER_ANALYSIS_CRITERIA	SEGMENT5
WC_REDUCED_WORK_HOURS_FS	START_DATE	DATE	PER_ANALYSIS_CRITERIA	SEGMENT2
WC_REDUCED_WORK_HOURS_FS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_REDUCED_WORK_HOURS_FS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping *SIL_ReducedWorkingHourFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_REDUCED_WORK_HOURS_F	AUX1_CHANGED_ON_DT	DATE	WC_REDUCED_WORK_HOURS_FS	AUX1_CHANGED_ON_DT
WC_REDUCED_WORK_HOURS_F	AUX2_CHANGED_ON_DT	DATE	WC_REDUCED_WORK_HOURS_FS	AUX2_CHANGED_ON_DT
WC_REDUCED_WORK_HOURS_F	AUX3_CHANGED_ON_DT	DATE	WC_REDUCED_WORK_HOURS_FS	AUX3_CHANGED_ON_DT
WC_REDUCED_WORK_HOURS_F	AUX4_CHANGED_ON_DT	DATE	WC_REDUCED_WORK_HOURS_FS	AUX4_CHANGED_ON_DT
WC_REDUCED_WORK_HOURS_F	CHANGED_BY_WID	NUMBER(10)	LKP_W_USER_D	ROW_WID
WC_REDUCED_WORK_HOURS_F	CHANGED_ON_DT	DATE	WC_REDUCED_WORK_HOURS_FS	CHANGED_ON_DT
WC_REDUCED_WORK_HOURS_F	CREATED_BY_WID	NUMBER(10)	LKP_W_USER_D	ROW_WID
WC_REDUCED_WORK_HOURS_F	CREATED_ON_DT	DATE	WC_REDUCED_WORK_HOURS_FS	CREATED_ON_DT
WC_REDUCED_WORK_HOURS_F	DATASOURCE_NUM_ID	NUMBER(10)	WC_REDUCED_WORK_HOURS_FS	DATASOURCE_NUM_ID
WC_REDUCED_WORK_HOURS_F	DESCRIPTION	VARCHAR2(250)	WC_REDUCED_WORK_HOURS_FS	DESCRIPTION
WC_REDUCED_WORK_HOURS_F	EMPLOYEE_WID	NUMBER(10)	W_EMPLOYEE_D	ROW_WID
WC_REDUCED_WORK_HOURS_F	END_DATE	DATE	WC_REDUCED_WORK_HOURS_FS	END_DATE
WC_REDUCED_WORK_HOURS_F	END_DATE_WID	NUMBER(10)	WC_REDUCED_WORK_HOURS_FS	CALCULATE_DT_WID(END_DATE)
WC_REDUCED_WORK_HOURS_F	ETL_PROC_WID	NUMBER(10)	PROJECT VARIABLE	#ETL_PROC_WID
WC_REDUCED_WORK_HOURS_F	INTEGRATION_ID	VARCHAR2(100)	WC_REDUCED_WORK_HOURS_FS	INTEGRATION_ID

WC_REDUCED_WORK_HOURS_F	NORMAL_WORKING_HOURS	NUMBER(10)	WC_REDUCED_WORK_HOURS_FS	NORMAL_WORKING_HOURS
WC_REDUCED_WORK_HOURS_F	REASON_CODE	VARCHAR2(100)	WC_REDUCED_WORK_HOURS_FS	REASON_CODE
WC_REDUCED_WORK_HOURS_F	REDUCED_WORKING_HOURS	NUMBER(10)	WC_REDUCED_WORK_HOURS_FS	REDUCED_WORKING_HOURS
WC_REDUCED_WORK_HOURS_F	START_DATE	DATE	WC_REDUCED_WORK_HOURS_FS	START_DATE
WC_REDUCED_WORK_HOURS_F	START_DATE_WID	NUMBER(10)	WC_REDUCED_WORK_HOURS_FS	CALCULATE_DT_WID(START_DATE)
WC_REDUCED_WORK_HOURS_F	TENANT_ID	VARCHAR2(80)	WC_REDUCED_WORK_HOURS_FS	TENANT_ID
WC_REDUCED_WORK_HOURS_F	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_REDUCED_WORK_HOURS_F	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_REDUCED_WORK_HOURS_F	X_CUSTOM	VARCHAR2(10)	WC_REDUCED_WORK_HOURS_FS	X_CUSTOM

4.5.23 Leave Exception Scenario Dimension

```
CREATE TABLE WC_LEAVE_EXCEPT_SCENARIO_DS
    (
        SCENARIO_ID               NUMBER,
        SCENARIO_NAME             VARCHAR2(100 CHAR),
        SCENARIO_DESCRIPTION      VARCHAR2(1000 CHAR),
        CREATED_ON_DT             DATE,
        CHANGED_ON_DT             DATE,
        DATASOURCE_NUM_ID         NUMBER(10,0),
        INTEGRATION_ID            VARCHAR2(100 CHAR),
        TENANT_ID                 VARCHAR2(80 CHAR),
        X_CUSTOM                  VARCHAR2(10 CHAR)
    );

CREATE TABLE WC_LEAVE_EXCEPT_SCENARIO_D
    (
        ROW_WID                   NUMBER(10,0),
        SCENARIO_ID               NUMBER(10,0),
        SCENARIO_NAME             VARCHAR2(100 CHAR),
        SCENARIO_DESCRIPTION      VARCHAR2(1000 CHAR),
        CREATED_ON_DT             DATE,
        CHANGED_ON_DT             DATE,
        TENANT_ID                 VARCHAR2(80 CHAR),
        X_CUSTOM                  VARCHAR2(10 CHAR),
        W_INSERT_DT               DATE,
        W_UPDATE_DT               DATE,
        DATASOURCE_NUM_ID         NUMBER(10,0),
        INTEGRATION_ID            VARCHAR2(100 CHAR),
        ETL_PROC_WID              NUMBER(10,0)
    );
```

Mapping *SDE_ORA_LeaveExceptionScenarioDimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_LEAVE_EXCEPT_SCENARIO_DS	CHANGED_ON_DT	DATE	XXHR_ABSENCE_INVALID	MAX(END_DATE1)
WC_LEAVE_EXCEPT_SCENARIO_DS	CREATED_ON_DT	DATE	XXHR_ABSENCE_INVALID	MAX(START_DATE1)

WC_LEAVE_EXCEPT_SCENARIO_DS	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_LEAVE_EXCEPT_SCENARIO_DS	INTEGRATION_ID	VARCHAR2(100)	XXHR_ABSENCE_INVALID	SCENARIO_ID
WC_LEAVE_EXCEPT_SCENARIO_DS	SCENARIO_DESCRIPTION	VARCHAR2(1000)	XXHR_ABSENCE_INVALID	SUBSTR(SCENARIO, INSTR(SCENARIO, '-', 1)+2)
WC_LEAVE_EXCEPT_SCENARIO_DS	SCENARIO_ID	NUMBER()	XXHR_ABSENCE_INVALID	TO_NUMBER(SUBSTR(SCENARIO, 9, INSTR(SCENARIO, '-', 1) -10))
WC_LEAVE_EXCEPT_SCENARIO_DS	SCENARIO_NAME	VARCHAR2(100)	XXHR_ABSENCE_INVALID	SUBSTR(SCENARIO, 1, INSTR(SCENARIO, '-', 1) - 2)
WC_LEAVE_EXCEPT_SCENARIO_DS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_LEAVE_EXCEPT_SCENARIO_DS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping *SDE_ORA_LeaveExceptionScenarioDimension*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_LEAVE_EXCEPT_SCENARIO_D	CHANGED_ON_DT	DATE	WC_LEAVE_EXCEPT_SCENARIO_DS	CHANGED_ON_DT
WC_LEAVE_EXCEPT_SCENARIO_D	CREATED_ON_DT	DATE	WC_LEAVE_EXCEPT_SCENARIO_DS	CREATED_ON_DT
WC_LEAVE_EXCEPT_SCENARIO_D	DATASOURCE_NUM_ID	NUMBER(10)	WC_LEAVE_EXCEPT_SCENARIO_DS	DATASOURCE_NUM_ID
WC_LEAVE_EXCEPT_SCENARIO_D	ETL_PROC_WID	NUMBER(10)	WC_LEAVE_EXCEPT_SCENARIO_DS	ETL_PROC_WID
WC_LEAVE_EXCEPT_SCENARIO_D	INTEGRATION_ID	VARCHAR2(100)	WC_LEAVE_EXCEPT_SCENARIO_DS	INTEGRATION_ID
WC_LEAVE_EXCEPT_SCENARIO_D	ROW_WID	NUMBER(10)	WC_LEAVE_EXCEPT_SCENARIO_D_SEQ	NEXT_VAL
WC_LEAVE_EXCEPT_SCENARIO_D	SCENARIO_DESCRIPTION	VARCHAR2(1000)	WC_LEAVE_EXCEPT_SCENARIO_DS	SCENARIO_DESCRIPTION
WC_LEAVE_EXCEPT_SCENARIO_D	SCENARIO_ID	NUMBER(10)	WC_LEAVE_EXCEPT_SCENARIO_DS	SCENARIO_ID
WC_LEAVE_EXCEPT_SCENARIO_D	SCENARIO_NAME	VARCHAR2(100)	WC_LEAVE_EXCEPT_SCENARIO_DS	SCENARIO_NAME
WC_LEAVE_EXCEPT_SCENARIO_D	TENANT_ID	VARCHAR2(80)	WC_LEAVE_EXCEPT_SCENARIO_DS	TENANT_ID
WC_LEAVE_EXCEPT_SCENARIO_D	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_LEAVE_EXCEPT_SCENARIO_D	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_LEAVE_EXCEPT_SCENARIO_D	X_CUSTOM	VARCHAR2(10)	WC_LEAVE_EXCEPT_SCENARIO_DS	X_CUSTOM

4.5.24 Leave Exception Fact

```
CREATE TABLE WC_LEAVE_EXCEPTIONS_FS
    (
        SCENARIO_ID                     NUMBER,
        EMPLOYEE_NUMBER                 VARCHAR2(80 BYTE),
        PHASE1_ABSENCE_TYPE             VARCHAR2(240 BYTE),
        PHASE1_START_DATE               DATE,
        PHASE1_END_DATE                 DATE,
        PHASE2_ABSENCE_TYPE             VARCHAR2(240 BYTE),
        PHASE2_START_DATE               DATE,
        PHASE2_END_DATE                 DATE,
        REMARKS                         VARCHAR2(240 BYTE),
        PHASE1_ABSENCE_DAYS             NUMBER,
        PHASE2_ABSENCE_DAYS             NUMBER,
        TOTAL_ABSENCE_DAYS              NUMBER,
        PERIOD_ABSENCE_DAYS             NUMBER,
        CREATED_ON_DT                   DATE,
        CHANGED_ON_DT                   DATE,
        DELETE_FLG                      CHAR(1 BYTE),
        INTEGRATION_ID                  VARCHAR2(100 CHAR),
        DATASOURCE_NUM_ID               NUMBER(10,0),
        TENANT_ID                       VARCHAR2(80 CHAR),
        X_CUSTOM                        VARCHAR2(10 CHAR)
    );

CREATE TABLE WC_LEAVE_EXCEPTIONS_F
    (
        SCENARIO_WID                    NUMBER(10,0),
        EMPLOYEE_WID                    NUMBER(10,0),
        PHASE1_ABSENCE_TYPE             VARCHAR2(240 BYTE),
        PHASE1_START_DATE               DATE,
        PHASE1_START_DATE_WID           NUMBER(10,0),
        PHASE1_END_DATE                 DATE,
        PHASE1_END_DATE_WID             NUMBER(10,0),
        PHASE2_ABSENCE_TYPE             VARCHAR2(240 BYTE),
        PHASE2_START_DATE               DATE,
        PHASE2_START_DATE_WID           NUMBER(10,0),
        PHASE2_END_DATE                 DATE,
        PHASE2_END_DATE_WID             NUMBER(10,0),
        REMARKS                         VARCHAR2(240 BYTE),
        PHASE1_ABSENCE_DAYS             NUMBER(10,2),
        PHASE2_ABSENCE_DAYS             NUMBER(10,2),
        TOTAL_ABSENCE_DAYS              NUMBER(10,2),
        PERIOD_ABSENCE_DAYS             NUMBER(10,2),
        CREATED_ON_DT                   DATE,
        CHANGED_ON_DT                   DATE,
        DELETE_FLG                      CHAR(1 BYTE),
        TENANT_ID                       VARCHAR2(80 CHAR),
        X_CUSTOM                        VARCHAR2(10 CHAR),
        W_INSERT_DT                     DATE,
        W_UPDATE_DT                     DATE,
        DATASOURCE_NUM_ID               NUMBER(10,0),
        INTEGRATION_ID                  VARCHAR2(100 CHAR),
        ETL_PROC_WID                    NUMBER(10,0)
    );
```

Mapping *SDE_ORA_LeaveExceptionsFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_LEAVE_EXCEPTIONS_FS	CHANGED_ON_DT	DATE	XXHR_ABSENCE_INVALID	END_DATE1

WC_LEAVE_EXCEPTIONS_FS	CREATED_ON_DT	DATE	XXHR_ABSENCE_INVALID	START_DATE1
WC_LEAVE_EXCEPTIONS_FS	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_LEAVE_EXCEPTIONS_FS	DELETE_FLG	CHAR(1)	XXHR_ABSENCE_INVALID	CASE WHEN SCENARIO_ID IS NULL THEN 'Y' ELSE 'N' END
WC_LEAVE_EXCEPTIONS_FS	EMPLOYEE_NUMBER	VARCHAR2(80)	XXHR_ABSENCE_INVALID	EMPLOYEE_NUMBER
WC_LEAVE_EXCEPTIONS_FS	INTEGRATION_ID	VARCHAR2(100)	XXHR_ABSENCE_INVALID	TO_CHAR(EMPLOYEE_NUMBER) || '~' || SUBSTR(SCENARIO, 9, INSTR(SCENARIO, '-', 1)-10) || '~' || TO_CHAR(START_DATE1, 'YYYYMMDD')
WC_LEAVE_EXCEPTIONS_FS	PERIOD_ABSENCE_DAYS	NUMBER()	XXHR_ABSENCE_INVALID	COALESCE(END_DATE2, END_DATE1) - START_DATE1 + 1
WC_LEAVE_EXCEPTIONS_FS	PHASE1_ABSENCE_DAYS	NUMBER()	XXHR_ABSENCE_INVALID	DURATION1
WC_LEAVE_EXCEPTIONS_FS	PHASE1_ABSENCE_TYPE	VARCHAR2(240)	XXHR_ABSENCE_INVALID	ABSENCE_TYPE1
WC_LEAVE_EXCEPTIONS_FS	PHASE1_END_DATE	DATE	XXHR_ABSENCE_INVALID	END_DATE1
WC_LEAVE_EXCEPTIONS_FS	PHASE1_START_DATE	DATE	XXHR_ABSENCE_INVALID	START_DATE1
WC_LEAVE_EXCEPTIONS_FS	PHASE2_ABSENCE_DAYS	NUMBER()	XXHR_ABSENCE_INVALID	DURATION2
WC_LEAVE_EXCEPTIONS_FS	PHASE2_ABSENCE_TYPE	VARCHAR2(240)	XXHR_ABSENCE_INVALID	ABSENCE_TYPE2
WC_LEAVE_EXCEPTIONS_FS	PHASE2_END_DATE	DATE	XXHR_ABSENCE_INVALID	END_DATE2
WC_LEAVE_EXCEPTIONS_FS	PHASE2_START_DATE	DATE	XXHR_ABSENCE_INVALID	START_DATE2
WC_LEAVE_EXCEPTIONS_FS	REMARKS	VARCHAR2(240)	XXHR_ABSENCE_INVALID	REMARKS
WC_LEAVE_EXCEPTIONS_FS	SCENARIO_ID	NUMBER()	XXHR_ABSENCE_INVALID	TO_NUMBER(SUBSTR(SCENARIO, 9, INSTR(SCENARIO, '-', 1) -10))
WC_LEAVE_EXCEPTIONS_FS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_LEAVE_EXCEPTIONS_FS	TOTAL_ABSENCE_DAYS	NUMBER()	XXHR_ABSENCE_INVALID	COALESCE(DURATION1, 0) + COALESCE(DURATION2, 0)
WC_LEAVE_EXCEPTIONS_FS	X_CUSTOM	VARCHAR2(10)	CONSTANT	'0'

Mapping *SIL_LeaveExceptionsFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_LEAVE_EXCEPTIONS_F	CHANGED_ON_DT	DATE	WC_LEAVE_EXCEPTIONS_FS	CHANGED_ON_DT
WC_LEAVE_EXCEPTIONS_F	CREATED_ON_DT	DATE	WC_LEAVE_EXCEPTIONS_FS	CREATED_ON_DT
WC_LEAVE_EXCEPTIONS_F	DATASOURCE_NUM_ID	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	DATASOURCE_NUM_ID
WC_LEAVE_EXCEPTIONS_F	DELETE_FLG	CHAR(1)	WC_LEAVE_EXCEPTIONS_FS	DELETE_FLG
WC_LEAVE_EXCEPTIONS_F	EMPLOYEE_WID	NUMBER(10)	W_EMPLOYEE_D	ROW_WID
WC_LEAVE_EXCEPTIONS_F	ETL_PROC_WID	NUMBER(10)	PROJECT VARIABLE	#ETL_PROC_WID
WC_LEAVE_EXCEPTIONS_F	INTEGRATION_ID	VARCHAR2(100)	WC_LEAVE_EXCEPTIONS_FS	INTEGRATION_ID
WC_LEAVE_EXCEPTIONS_F	PERIOD_ABSENCE_DAYS	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	PERIOD_ABSENCE_DAYS

WC_LEAVE_EXCEPTIONS_F	PHASE1_ABSENCE_DAYS	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	PHASE1_ABSENCE_DAYS
WC_LEAVE_EXCEPTIONS_F	PHASE1_ABSENCE_TYPE	VARCHAR2(240)	WC_LEAVE_EXCEPTIONS_FS	PHASE1_ABSENCE_TYPE
WC_LEAVE_EXCEPTIONS_F	PHASE1_END_DATE	DATE	WC_LEAVE_EXCEPTIONS_FS	PHASE1_END_DATE
WC_LEAVE_EXCEPTIONS_F	PHASE1_END_DATE_WID	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	CALCULATE_DT_WID(PHASE1_END_DATE)
WC_LEAVE_EXCEPTIONS_F	PHASE1_START_DATE	DATE	WC_LEAVE_EXCEPTIONS_FS	PHASE1_START_DATE
WC_LEAVE_EXCEPTIONS_F	PHASE1_START_DATE_WID	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	CALCULATE_DT_WID(PHASE1_START_DATE)
WC_LEAVE_EXCEPTIONS_F	PHASE2_ABSENCE_DAYS	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	PHASE2_ABSENCE_DAYS
WC_LEAVE_EXCEPTIONS_F	PHASE2_ABSENCE_TYPE	VARCHAR2(240)	WC_LEAVE_EXCEPTIONS_FS	PHASE2_ABSENCE_TYPE
WC_LEAVE_EXCEPTIONS_F	PHASE2_END_DATE	DATE	WC_LEAVE_EXCEPTIONS_FS	PHASE2_END_DATE
WC_LEAVE_EXCEPTIONS_F	PHASE2_END_DATE_WID	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	CALCULATE_DT_WID(PHASE2_END_DATE)
WC_LEAVE_EXCEPTIONS_F	PHASE2_START_DATE	DATE	WC_LEAVE_EXCEPTIONS_FS	PHASE2_START_DATE
WC_LEAVE_EXCEPTIONS_F	PHASE2_START_DATE_WID	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	CALCULATE_DT_WID(PHASE2_START_DATE)
WC_LEAVE_EXCEPTIONS_F	REMARKS	VARCHAR2(240)	WC_LEAVE_EXCEPTIONS_FS	REMARKS
WC_LEAVE_EXCEPTIONS_F	SCENARIO_WID	NUMBER(10)	WC_LEAVE_EXCEPT_SCENARIO_D	ROW_WID
WC_LEAVE_EXCEPTIONS_F	TENANT_ID	VARCHAR2(80)	WC_LEAVE_EXCEPTIONS_FS	TENANT_ID
WC_LEAVE_EXCEPTIONS_F	TOTAL_ABSENCE_DAYS	NUMBER(10)	WC_LEAVE_EXCEPTIONS_FS	TOTAL_ABSENCE_DAYS
WC_LEAVE_EXCEPTIONS_F	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_LEAVE_EXCEPTIONS_F	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_LEAVE_EXCEPTIONS_F	X_CUSTOM	VARCHAR2(10)	WC_LEAVE_EXCEPTIONS_FS	X_CUSTOM

4.5.25 Leave Request Fact

```
CREATE TABLE WC_EMP_LEAVE_REQUEST_FS
    (
        STATUS                          VARCHAR2(50 BYTE),
        ABSENCE_ATTENDANCE_TYPE_ID      NUMBER(10,0),
        REQUEST_COUNT                   NUMBER(10,0) DEFAULT 1,
        START_DT                        DATE,
        END_DT                          DATE,
        APPLIED_DT                      DATE,
        CREATOR_PER_ID                  NUMBER(10,0),
        PENDING_WITH_PER_ID             NUMBER(10,0),
        TRANSACTION_ID                  NUMBER(10,0),
        ITEM_KEY                        VARCHAR2(20 BYTE),
        DELETE_FLG                      VARCHAR2(1 CHAR),
        DATASOURCE_NUM_ID               NUMBER(10,0),
        INTEGRATION_ID                  VARCHAR2(80 CHAR),
        TENANT_ID                       VARCHAR2(80 CHAR),
        W_INSERT_DT                     DATE,
        W_UPDATE_DT                     DATE,
        ETL_PROC_WID                    NUMBER(10,0)
    );

CREATE TABLE WC_EMP_LEAVE_REQUEST_F
    (
        STATUS                          VARCHAR2(50 BYTE),
        ABSENCE_ATTENDANCE_TYPE_ID      NUMBER(10,0),
        REQUEST_COUNT                   NUMBER(10,0) DEFAULT 1,
        START_DT                        DATE,
        END_DT                          DATE,
        APPLIED_DT                      DATE,
        CREATOR_PER_ID                  NUMBER(10,0),
        PENDING_WITH_PER_ID             NUMBER(10,0),
        TRANSACTION_ID                  NUMBER(10,0),
        ITEM_KEY                        VARCHAR2(20 BYTE),
        ABSENCE_ATTENDANCE_TYPE_WID     NUMBER(10,0),
        CREATOR_PER_WID                 NUMBER(10,0),
        PENDING_WITH_PER_WID            NUMBER(10,0),
        APPLIED_DT_WID                  NUMBER(10,0),
        DELETE_FLG                      VARCHAR2(1 CHAR),
        DATASOURCE_NUM_ID               NUMBER(10,0),
        INTEGRATION_ID                  VARCHAR2(80 CHAR),
        TENANT_ID                       VARCHAR2(80 CHAR),
        W_INSERT_DT                     DATE,
        W_UPDATE_DT                     DATE,
        ETL_PROC_WID                    NUMBER(10,0),
        CREATOR_EMP_WID                 NUMBER(10,0),
        PENDING_WITH_EMP_WID            NUMBER(10,0)
    );
```

Mapping *SDE_ORA_EmployeeLeaveRequestFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMP_LEAVE_REQUEST_FS	ABSENCE_ATTENDANCE _TYPE_ID	NUMBER(10)	EMP_PNDNG_LV_R QST	ABSENCE_ATTENDANCE_TYPE_ID
WC_EMP_LEAVE_REQUEST_FS	APPLIED_DT	DATE	EMP_PNDNG_LV_R QST	APPLIED_DATE
WC_EMP_LEAVE_REQUEST_FS	CREATOR_PER_ID	NUMBER(10)	EMP_PNDNG_LV_R QST	CREATOR_PERSON_ID

WC_EMP_LEAVE_REQUEST_FS	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_EMP_LEAVE_REQUEST_FS	DELETE_FLG	VARCHAR2(1)	CONSTANT	'0'
WC_EMP_LEAVE_REQUEST_FS	END_DT	DATE	EMP_PNDNG_LV_R QST	END_DATE
WC_EMP_LEAVE_REQUEST_FS	ETL_PROC_WID	NUMBER(10)	PROJECT VARIABLE	#ETL_PROC_WID
WC_EMP_LEAVE_REQUEST_FS	INTEGRATION_ID	VARCHAR2(80)	EMP_PNDNG_LV_R QST	TRANSACTION_ID || '~' || CREATOR_PERSON_ID
WC_EMP_LEAVE_REQUEST_FS	ITEM_KEY	VARCHAR2(20)	EMP_PNDNG_LV_R QST	ITEM_KEY
WC_EMP_LEAVE_REQUEST_FS	PENDING_WITH_PER_ID	NUMBER(10)	EMP_PNDNG_LV_R QST	PENDING_WITH_PER_ID
WC_EMP_LEAVE_REQUEST_FS	REQUEST_COUNT	NUMBER(10)	CONSTANT	1
WC_EMP_LEAVE_REQUEST_FS	START_DT	DATE	EMP_PNDNG_LV_R QST	START_DATE
WC_EMP_LEAVE_REQUEST_FS	STATUS	VARCHAR2(50)	EMP_PNDNG_LV_R QST	STATUS
WC_EMP_LEAVE_REQUEST_FS	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_EMP_LEAVE_REQUEST_FS	TRANSACTION_ID	NUMBER(10)	EMP_PNDNG_LV_R QST	TRANSACTION_ID
WC_EMP_LEAVE_REQUEST_FS	W_INSERT_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME
WC_EMP_LEAVE_REQUEST_FS	W_UPDATE_DT	DATE	PROJECT VARIABLE	SESSSTARTTIME

Mapping *SIL_EmployeeLeaveRequestFact*

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMP_LEAVE_REQUEST_F	ABSENCE_ATTENDANCE_TY PE_ID	NUMBER(10)	WC_EMP_LEAVE_REQUEST _FS	ABSENCE_ATTENDANCE_TYP E_ID
WC_EMP_LEAVE_REQUEST_F	ABSENCE_ATTENDANCE_TY PE_WID	NUMBER(10)	W_ABSENCE_TYPE_D_TL	ROW_WID
WC_EMP_LEAVE_REQUEST_F	APPLIED_DT	DATE(7)	WC_EMP_LEAVE_REQUEST _FS	APPLIED_DT
WC_EMP_LEAVE_REQUEST_F	APPLIED_DT_WID	NUMBER(10)	WC_EMP_LEAVE_REQUEST _FS	CALCULATE_DT_WID(APPLIED_DT,0)
WC_EMP_LEAVE_REQUEST_F	CREATOR_EMP_WID	NUMBER(10)	W_HR_PERSON_D	EMPLOYEE_WID
WC_EMP_LEAVE_REQUEST_F	CREATOR_PER_ID	NUMBER(10)	WC_EMP_LEAVE_REQUEST _FS	CREATOR_PER_ID
WC_EMP_LEAVE_REQUEST_F	CREATOR_PER_WID	NUMBER(10)	W_HR_PERSON_D	ROW_WID
WC_EMP_LEAVE_REQUEST_F	DATASOURCE_NUM_ID	NUMBER(10)	WC_EMP_LEAVE_REQUEST _FS	DATASOURCE_NUM_ID
WC_EMP_LEAVE_REQUEST_F	DELETE_FLG	VARCHAR2(1)	WC_EMP_LEAVE_REQUEST _FS	DELETE_FLG
WC_EMP_LEAVE_REQUEST_F	END_DT	DATE(7)	WC_EMP_LEAVE_REQUEST _FS	END_DT

WC_EMP_LEAVE_REQUEST_F	ETL_PROC_WID	NUMBER(10)	WC_EMP_LEAVE_REQUEST_FS	ETL_PROC_WID
WC_EMP_LEAVE_REQUEST_F	INTEGRATION_ID	VARCHAR2(80)	WC_EMP_LEAVE_REQUEST_FS	INTEGRATION_ID
WC_EMP_LEAVE_REQUEST_F	ITEM_KEY	VARCHAR2(20)	WC_EMP_LEAVE_REQUEST_FS	ITEM_KEY
WC_EMP_LEAVE_REQUEST_F	PENDING_WITH_EMP_WID	NUMBER(10)	W_HR_PERSON_D	EMPLOYEE_WID
WC_EMP_LEAVE_REQUEST_F	PENDING_WITH_PER_ID	NUMBER(10)	W_HR_PERSON_D	ROW_WID
WC_EMP_LEAVE_REQUEST_F	PENDING_WITH_PER_WID	NUMBER(10)	W_HR_PERSON_D	PERSON_ID
WC_EMP_LEAVE_REQUEST_F	REQUEST_COUNT	NUMBER(10)	WC_EMP_LEAVE_REQUEST_FS	REQUEST_COUNT
WC_EMP_LEAVE_REQUEST_F	START_DT	DATE(7)	WC_EMP_LEAVE_REQUEST_FS	START_DT
WC_EMP_LEAVE_REQUEST_F	STATUS	VARCHAR2(50)	WC_EMP_LEAVE_REQUEST_FS	STATUS
WC_EMP_LEAVE_REQUEST_F	TENANT_ID	VARCHAR2(80)	WC_EMP_LEAVE_REQUEST_FS	TENANT_ID
WC_EMP_LEAVE_REQUEST_F	TRANSACTION_ID	NUMBER(10)	WC_EMP_LEAVE_REQUEST_FS	TRANSACTION_ID
WC_EMP_LEAVE_REQUEST_F	W_INSERT_DT	DATE(7)	WC_EMP_LEAVE_REQUEST_FS	W_INSERT_DT
WC_EMP_LEAVE_REQUEST_F	W_UPDATE_DT	DATE(7)	WC_EMP_LEAVE_REQUEST_FS	W_UPDATE_DT

4.5.26 Leave Transfer Fact

```
CREATE TABLE WC_EMPLOYEE_TRANSFERS_F
   (
     EMPLOYEE_WID                          NUMBER(10,0),
     EMPLOYEE_SCD1_WID                     NUMBER(10,0),
     EMPLOYEE_PRV_WID                      NUMBER(10,0),
     EMPLOYEE_PRV_SCD1_WID                 NUMBER(10,0),
     TRANSFER_DAY_WID                      NUMBER(10,0),
     PARTY_ID                              NUMBER(15,0),
     PARTY_WID                             NUMBER(10,0),
     BUSINESS_UNIT_WID                     NUMBER(10,0),
     BUSINESS_UNIT_ID                      VARCHAR2(80 CHAR),
     BUSINESS_UNIT_PRV_WID                 NUMBER(10,0),
     BUSINESS_UNIT_PRV_ID                  VARCHAR2(80 CHAR),
     DIRECTORATE_WID                       NUMBER(10,0),
     DIRECTORATE_ID                        VARCHAR2(80 CHAR),
     DIRECTORATE_PRV_WID                   NUMBER(10,0),
     DIRECTORATE_PRV_ID                    VARCHAR2(80 CHAR),
     DEPARTMENT_WID                        NUMBER(10,0),
     DEPARTMENT_ID                         VARCHAR2(80 CHAR),
     DEPARTMENT_PRV_WID                    NUMBER(10,0),
     DEPARTMENT_PRV_ID                     VARCHAR2(80 CHAR),
     DIVISION_WID                          NUMBER(10,0),
     DIVISION_ID                           VARCHAR2(80 CHAR),
     DIVISION_PRV_WID                      NUMBER(10,0),
     DIVISION_PRV_ID                       VARCHAR2(80 CHAR),
     COMPANY_WID                           NUMBER(10,0),
     COMPANY_ID                            VARCHAR2(80 CHAR),
     COMPANY_PRV_WID                       NUMBER(10,0),
     COMPANY_PRV_ID                        VARCHAR2(80 CHAR),
     WORK_COMPANY_WID                      NUMBER(10,0),
     WORK_COMPANY_ID                       VARCHAR2(80 CHAR),
     WORK_COMPANY_PRV_WID                  NUMBER(10,0),
     WORK_COMPANY_PRV_ID                   VARCHAR2(80 CHAR),
     BUSINESS_UNIT_TRANS_CNT               NUMBER(10,0),
     DIRECTORATE_TRANS_CNT                 NUMBER(10,0),
     DEPARTMENT_TRANS_CNT                  NUMBER(10,0),
     DIVISION_TRANS_CNT                    NUMBER(10,0),
     COMPANY_TRANS_CNT                     NUMBER(10,0),
     WORK_COMPANY_TRANS_CNT                NUMBER(10,0),
     TENANT_ID                             VARCHAR2(80 CHAR),
     CUSTOM                                VARCHAR2(10 CHAR),
     W_INSERT_DT                           DATE,
     W_UPDATE_DT                           DATE,
     DATASOURCE_NUM_ID                     NUMBER(10,0),
     INTEGRATION_ID                        VARCHAR2(100 CHAR),
     ETL_PROC_WID                          NUMBER(10,0)
   );
```

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_EMPLOYEE_TRANSFERS_F	BUSINESS_UNIT_ID	VARCHAR2(80)	W_EMPLOYEE_D	X_BUSINESS_UNIT_ID
WC_EMPLOYEE_TRANSFERS_F	BUSINESS_UNIT_PRV_ID	VARCHAR2(80)	W_EMPLOYEE_D PRV	X_BUSINESS_UNIT_ID
WC_EMPLOYEE_TRANSFERS_F	BUSINESS_UNIT_PRV_WID	NUMBER(10)	W_EMPLOYEE_D PRV	X_BUSINESS_UNIT_WID

WC_EMPLOYEE_TRANSFERS_F	BUSINESS_UNIT_TRANS_CNT	NUMBER(10)	W_EMPLOYEE_D, W_EMPLOYEE_D PRV	CASE WHEN EMP.X_BUSINESS_UNIT_ID != EMP_PRVX_BUSINESS_UNIT_ID THEN 1 ELSE 0 END
WC_EMPLOYEE_TRANSFERS_F	BUSINESS_UNIT_WID	NUMBER(10)	W_EMPLOYEE_D	X_BUSINESS_UNIT_WID
WC_EMPLOYEE_TRANSFERS_F	COMPANY_ID	VARCHAR2(80)	W_EMPLOYEE_D	X_COMPANY_ID
WC_EMPLOYEE_TRANSFERS_F	COMPANY_PRV_ID	VARCHAR2(80)	W_EMPLOYEE_D PRV	X_COMPANY_ID
WC_EMPLOYEE_TRANSFERS_F	COMPANY_PRV_WID	NUMBER(10)	W_EMPLOYEE_D PRV	X_COMPANY_WID
WC_EMPLOYEE_TRANSFERS_F	COMPANY_TRANS_CNT	NUMBER(10)	W_EMPLOYEE_D, W_EMPLOYEE_D PRV	CASE WHEN EMP.X_COMPANY_ID != EMP_PRVX_COMPANY_ID THEN 1 ELSE 0 END
WC_EMPLOYEE_TRANSFERS_F	COMPANY_WID	NUMBER(10)	W_EMPLOYEE_D	X_COMPANY_WID
WC_EMPLOYEE_TRANSFERS_F	DATASOURCE_NUM_ID	NUMBER(10)	PROJECT VARIABLE	#DATASOURCE_NUM_ID
WC_EMPLOYEE_TRANSFERS_F	DEPARTMENT_ID	VARCHAR2(80)	W_EMPLOYEE_D	X_DEPARTMENT_ID
WC_EMPLOYEE_TRANSFERS_F	DEPARTMENT_PRV_ID	VARCHAR2(80)	W_EMPLOYEE_D PRV	X_DEPARTMENT_ID
WC_EMPLOYEE_TRANSFERS_F	DEPARTMENT_PRV_WID	NUMBER(10)	W_EMPLOYEE_D PRV	X_DEPARTMENT_WID
WC_EMPLOYEE_TRANSFERS_F	DEPARTMENT_TRANS_CNT	NUMBER(10)	W_EMPLOYEE_D, W_EMPLOYEE_D PRV	CASE WHEN EMP.X_DEPARTMENT_ID != EMP_PRV.X_DEPARTMENT_ID THEN 1 ELSE 0 END
WC_EMPLOYEE_TRANSFERS_F	DEPARTMENT_WID	NUMBER(10)	W_EMPLOYEE_D	X_DEPARTMENT_WID
WC_EMPLOYEE_TRANSFERS_F	DIRECTORATE_ID	VARCHAR2(80)	W_EMPLOYEE_D	X_DIRECTORATE_ID
WC_EMPLOYEE_TRANSFERS_F	DIRECTORATE_PRV_ID	VARCHAR2(80)	W_EMPLOYEE_D PRV	X_ DIRECTORATE_ID
WC_EMPLOYEE_TRANSFERS_F	DIRECTORATE_PRV_WID	NUMBER(10)	W_EMPLOYEE_D PRV	X_DIRECTORATE_WID
WC_EMPLOYEE_TRANSFERS_F	DIRECTORATE_TRANS_CNT	NUMBER(10)	W_EMPLOYEE_D, W_EMPLOYEE_D PRV	CASE WHEN EMP.X_DIRECTORATE_ID != EMP_PRV.X_DIRECTORATE_ID THEN 1 ELSE 0 END
WC_EMPLOYEE_TRANSFERS_F	DIRECTORATE_WID	NUMBER(10)	W_EMPLOYEE_D	X_ DIRECTORATE_WID
WC_EMPLOYEE_TRANSFERS_F	DIVISION_ID	VARCHAR2(80)	W_EMPLOYEE_D	X_ DIVISION_ID
WC_EMPLOYEE_TRANSFERS_F	DIVISION_PRV_ID	VARCHAR2(80)	W_EMPLOYEE_D PRV	X_ DIVISION_ID
WC_EMPLOYEE_TRANSFERS_F	DIVISION_PRV_WID	NUMBER(10)	W_EMPLOYEE_D PRV	X_DIVISION_WID
WC_EMPLOYEE_TRANSFERS_F	DIVISION_TRANS_CNT	NUMBER(10)	W_EMPLOYEE_D, W_EMPLOYEE_D PRV	CASE WHEN EMP.X_DIVISION_ID != EMP_PRV.X_DIVISION_ID THEN 1 ELSE 0 END

WC_EMPLOYEE_TRANSFERS_F	DIVISION_WID	NUMBER(10)	W_EMPLOYEE_D	X_ DIVISION_WID
WC_EMPLOYEE_TRANSFERS_F	EMPLOYEE_PRV_SCD1_WID	NUMBER(10)	W_EMPLOYEE_D PRV	SCD1_WID
WC_EMPLOYEE_TRANSFERS_F	EMPLOYEE_PRV_WID	NUMBER(10)	W_EMPLOYEE_D	lag(ROW_WID) over (partition by X_PARTY_ID order by SRC_EFF_FROM_DT)
WC_EMPLOYEE_TRANSFERS_F	EMPLOYEE_SCD1_WID	NUMBER(10)	W_EMPLOYEE_D	SCD1_WID
WC_EMPLOYEE_TRANSFERS_F	EMPLOYEE_WID	NUMBER(10)	W_EMPLOYEE_D	ROW_WID
WC_EMPLOYEE_TRANSFERS_F	ETL_PROC_WID	NUMBER(10)	PROJECT VARIABLE	#ETL_PROC_WID
WC_EMPLOYEE_TRANSFERS_F	INTEGRATION_ID	VARCHAR2(100)	W_EMPLOYEE_D	SQ_W_EMPLOYEE_D.PARTY_ID || '~' || SQ_W_EMPLOYEE_D.TRANSFER_DAY_WID
WC_EMPLOYEE_TRANSFERS_F	PARTY_ID	NUMBER(15)	W_EMPLOYEE_D	X_PARTY_ID
WC_EMPLOYEE_TRANSFERS_F	PARTY_WID	NUMBER(10)	W_EMPLOYEE_D	X_PARTY_WID
WC_EMPLOYEE_TRANSFERS_F	TENANT_ID	VARCHAR2(80)	PROJECT VARIABLE	'#TENANT_ID'
WC_EMPLOYEE_TRANSFERS_F	TRANSFER_DAY_WID	NUMBER(10)	W_EMPLOYEE_D	CALCULATE_DT_WID(SRC_EFF_FROM_DT)
WC_EMPLOYEE_TRANSFERS_F	WORK_COMPANY_ID	VARCHAR2(80)	W_EMPLOYEE_D	X_WORK_COMPANY_ID
WC_EMPLOYEE_TRANSFERS_F	WORK_COMPANY_PRV_ID	VARCHAR2(80)	W_EMPLOYEE_D PRV	X_WORK_COMPANY_ID
WC_EMPLOYEE_TRANSFERS_F	WORK_COMPANY_PRV_WID	NUMBER(10)	W_EMPLOYEE_D PRV	WORK_COMPANY_WID
WC_EMPLOYEE_TRANSFERS_F	WORK_COMPANY_TRANS_CNT	NUMBER(10)	W_EMPLOYEE_D, W_EMPLOYEE_D PRV	CASE WHEN EMP.X_WORK_COMPANY_ID != EMP_PRV.X_WORK_COMPANY_ID THEN 1 ELSE 0 END
WC_EMPLOYEE_TRANSFERS_F	WORK_COMPANY_WID	NUMBER(10)	W_EMPLOYEE_D	WORK_COMPANY_WID
WC_EMPLOYEE_TRANSFERS_F	W_INSERT_DT	DATE(7)	PROJECT VARIABLE	SESSSTARTTIME
WC_EMPLOYEE_TRANSFERS_F	W_UPDATE_DT	DATE(7)	PROJECT VARIABLE	SESSSTARTTIME

4.5.27 Purchase Cycle Line Department Fact

```
CREATE TABLE WC_PURCH_CYCLE_LINE_DEPT_F
  (
    SUPPLIER_WID                  NUMBER(10,0),
    PRODUCT_WID                   NUMBER(10,0),
    PLANT_LOC_WID                 NUMBER(10,0),
    INVENTORY_ORG_WID             NUMBER(10,0),
    PURCH_ORG_WID                 NUMBER(10,0),
    STORAGE_LOC_WID               NUMBER(10,0),
    RCPT_LOC_WID                  NUMBER(10,0),
    PURCH_GROUP_ORG_WID           NUMBER(10,0),
    COMPANY_ORG_WID               NUMBER(10,0),
    XACT_TYPE_WID                 NUMBER(10,0),
    INVENTORY_PROD_WID            NUMBER(10,0),
    REQUESTOR_WID                 NUMBER(10,0),
    SUPPLIER_PROD_WID             NUMBER(10,0),
    PO_STATUS_WID                 NUMBER(10,0),
    BUYER_WID                     NUMBER(10,0),
    OPERATING_UNIT_ORG_WID        NUMBER(10,0),
    CONTRACT_REF_NUM              VARCHAR2(50 CHAR),
    ORDERED_ON_DT_WID             NUMBER(10,0),
    SUBMITTED_ON_DT_WID           NUMBER(10,0),
    RECEIVED_ON_DT_WID            NUMBER(10,0),
    APPROVED_ON_DT_WID            NUMBER(10,0),
    RCPT_DUE_ON_DT_WID            NUMBER(10,0),
    QUOTE_SUBMITTED_DT_WID        NUMBER(10,0),
    ORDERED_QTY                   NUMBER(28,10),
    RECEIVED_QTY                  NUMBER(28,10),
    ACCEPTED_QTY                  NUMBER(28,10),
    REJECTED_QTY                  NUMBER(28,10),
    CANCELLED_QTY                 NUMBER(28,10),
    RECEIVED_ONTIME_QTY           NUMBER(28,10),
    RECEIVED_EARLY_QTY            NUMBER(28,10),
    RECEIVED_LATE_QTY             NUMBER(28,10),
    RECEIVED_ONTIME_IND           NUMBER(1,0),
    FIRST_RQSTN_DT                DATE,
    LAST_RQSTN_DT                 DATE,
    FIRST_RQSTN_SUBMIT_DT         DATE,
    LAST_RQSTN_SUBMIT_DT          DATE,
    FIRST_RQSTN_RESUBMITTED_DT    DATE,
    LAST_RQSTN_RESUBMITTED_DT     DATE,
    LAST_RQSTN_APPROVAL_DT        DATE,
    FIRST_RQSTN_APPROVAL_DT       DATE,
    FIRST_RQSTN_NEEDED_BY_DT      DATE,
    LAST_RQSTN_NEEDED_BY_DT       DATE,
    CURR_SCHEDULE_DUE_ON_DT       DATE,
    ORIG_SCHEDULE_DUE_ON_DT       DATE,
    FIRST_RECEIPT_DT              DATE,
    LAST_RECEIPT_DT               DATE,
    ORDERED_ON_DT                 DATE,
    LINE_AMT                      NUMBER(28,10),
    RECEIVED_AMT                  NUMBER(28,10),
    ACCEPTED_AMT                  NUMBER(28,10),
    REJECTED_AMT                  NUMBER(28,10),
    CANCELLED_AMT                 NUMBER(28,10),
    RECEIVED_ONTIME_AMT           NUMBER(28,10),
    RECEIVED_EARLY_AMT            NUMBER(28,10),
    RECEIVED_LATE_AMT             NUMBER(28,10),
    STD_COST_AMT                  NUMBER(28,10),
    ORDER_UOM_CODE                VARCHAR2(50 CHAR),
```

```
        PURCH_ORDER_NUM                VARCHAR2(30 CHAR),
        PURCH_ORDER_ITEM               NUMBER(15,0),
        PURCH_ORDER_SCHEDULE           NUMBER(15,0),
        PURCH_RQSTN_NUM                VARCHAR2(30 CHAR),
        PURCH_RQSTN_ITEM               NUMBER(15,0),
        FIRM_SCHEDULE_IND              CHAR(1 CHAR),
        SCHEDULE_FREQ_IND              CHAR(1 CHAR),
        ORDER_LEAD_TIME                NUMBER(10,0),
        LINE_TEXT                      VARCHAR2(255 CHAR),
        DOC_CURR_CODE                  VARCHAR2(30 CHAR),
        LOC_CURR_CODE                  VARCHAR2(30 CHAR),
        LOC_EXCHANGE_RATE              NUMBER(28,10),
        GLOBAL1_EXCHANGE_RATE          NUMBER(28,10),
        GLOBAL2_EXCHANGE_RATE          NUMBER(28,10),
        GLOBAL3_EXCHANGE_RATE          NUMBER(28,10),
        CREATED_BY_WID                 NUMBER(10,0),
        CHANGED_BY_WID                 NUMBER(10,0),
        CREATED_ON_DT                  DATE,
        CHANGED_ON_DT                  DATE,
        AUX1_CHANGED_ON_DT             DATE,
        AUX2_CHANGED_ON_DT             DATE,
        AUX3_CHANGED_ON_DT             DATE,
        AUX4_CHANGED_ON_DT             DATE,
        DELETE_FLG                     CHAR(1 CHAR),
        W_INSERT_DT                    DATE,
        W_UPDATE_DT                    DATE,
        DATASOURCE_NUM_ID              NUMBER(10,0),
        ETL_PROC_WID                   NUMBER(10,0),
        INTEGRATION_ID                 VARCHAR2(80 CHAR),
        TENANT_ID                      VARCHAR2(80 CHAR),
        X_CUSTOM                       VARCHAR2(10 CHAR),
        LINE_TYPE_WID                  NUMBER(10,0),
        BLANKET_AGREEMENT_NUM          VARCHAR2(50 CHAR),
        CONSIGNED_TYPE_WID             NUMBER(10,0),
        SUPPLIER_ACCOUNT_WID           NUMBER(10,0),
        PO_COMMUNICATED_DT             DATE,
        PO_ACKNOWLEDGED_DT             DATE,
        PO_APPROVED_ON_DT              DATE,
        PO_SUBMIT_ON_DT                DATE,
        PO_OPENED_DT                   DATE,
        PO_CLOSED_DT                   DATE,
        DOC_STYLE_WID                  NUMBER(10,0),
        INVOICE_AMT                    NUMBER(28,10),
        RETURN_QTY                     NUMBER(28,10),
        RETURN_AMT                     NUMBER(28,10),
        RELEASE_NUM                    VARCHAR2(30 CHAR),
        FULFILLED_ON_DT                DATE,
        RCPT_DUE_ON_DT                 DATE,
        X_RQH_CREATION_DT              DATE,
        X_ORIG_PRMSED_DT               DATE,
        X_ORIG_PRMSED_DT_WID           NUMBER(10,0),
        X_RQH_CREATION_DT_WID          NUMBER(10,0),
        X_LATE_TRANS_QTY               NUMBER(28,10),
        X_EARLY_TRANS_QTY              NUMBER(28,10),
        X_ONTIME_TRANS_QTY             NUMBER(28,10),
        X_PURCH_TYPE                   VARCHAR2(150 BYTE),
        X_DEPARTMENT_WID               NUMBER(10,0)
    );
```

CLEARPEAKS

Mapping *SIL_PurchaseCycleLinesDepartmentFact* customisation

DW TABLE	DW COLUMN	DW DATA TYPE	SOURCE TABLE	SOURCE COLUMN
WC_PURCH_CYCLE_LINE_DEPT_F	X_DEPARTMENT_WID	NUMBER(10)	W_RQSTN_LINE_COST_F	X_DEPARTMENT_WID
WC_PURCH_CYCLE_LINE_DEPT_F	X_EARLY_TRANS_QTY	NUMBER(28)	W_PURCH_RCPT_F, W_PURCH_COST_F	SUM(CASE WHEN X_ORIG_PRMSED_DT_WID = 0 or X_ORIG_PRMSED_DT_WID > RECEIVED_ON_DT_WID THEN 1 ELSE 0 END)
WC_PURCH_CYCLE_LINE_DEPT_F	X_LATE_TRANS_QTY	NUMBER(28)	W_PURCH_RCPT_F, W_PURCH_COST_F	SUM(CASE WHEN X_ORIG_PRMSED_DT_WID <> 0 and X_ORIG_PRMSED_DT_WID < RECEIVED_ON_DT_WID THEN 1 ELSE 0 END)
WC_PURCH_CYCLE_LINE_DEPT_F	X_ONTIME_TRANS_QTY	NUMBER(28)	W_PURCH_RCPT_F, W_PURCH_COST_F	SUM(CASE WHEN X_ORIG_PRMSED_DT_WID = RECEIVED_ON_DT_WID THEN 1 ELSE 0 END)
WC_PURCH_CYCLE_LINE_DEPT_F	X_ORIG_PRMSED_DT	DATE(7)	W_PURCH_COST_F	X_ORIG_PRMSED_DT
WC_PURCH_CYCLE_LINE_DEPT_F	X_ORIG_PRMSED_DT_WID	NUMBER(10)	W_PURCH_COST_F	CALCULATE_DT_WID_DFLT(X_RQH_CREATION_DT,0)
WC_PURCH_CYCLE_LINE_DEPT_F	X_PURCH_TYPE	VARCHAR2(150)	W_PURCH_COST_F	X_PURCH_TYPE
WC_PURCH_CYCLE_LINE_DEPT_F	X_RQH_CREATION_DT	DATE(7)	W_PURCH_COST_F	X_RQH_CREATION_DT
WC_PURCH_CYCLE_LINE_DEPT_F	X_RQH_CREATION_DT_WID	NUMBER(10)	W_PURCH_COST_F	CALCULATE_DT_WID_DFLT(X_RQH_CREATION_DT,0)

4.6 Custom Materialized Views

4.6.1 Purchase Cycle Line Department Materialized View

```
  CREATE MATERIALIZED VIEW X_PURCH_CYCLE_LINE_DEPT_MV
  ( PURCH_ORDER_NUM, COUNTRY_CODE, DEPARTMENT_WID, REQ_CREATION_DT, REQ_SUBMISSION_DT,
REQ_APPROVAL_DT, PO_ORDER_DT, PO_SUBMISSION_DT, PO_APPROVAL_DT, ORIG_PROMISED_DT, LAST_RECEIPT_DT,
CLOSED_DT, REQPROCESSTIME, REQAPPROVALTIME, POPROCESSTIME, POAPPROVALTIME, RECEIPTTIME,
INVOICETIME, MV_LAST_REFRESH_DT )

  ORGANIZATION HEAP PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
 NOCOMPRESS LOGGING
  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
  BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
  TABLESPACE PROD11_DW_DATA
   CACHE
  BUILD IMMEDIATE
  USING INDEX
  REFRESH FORCE ON DEMAND START WITH sysdate+0 NEXT trunc(sysdate) + 1
  USING DEFAULT LOCAL ROLLBACK SEGMENT
  USING ENFORCED CONSTRAINTS DISABLE QUERY REWRITE
  AS SELECT PURCH_ORDER_NUM, COUNTRY_CODE, DEPARTMENT_WID, REQ_CREATION_DT, REQ_SUBMISSION_DT,
    REQ_APPROVAL_DT, PO_ORDER_DT, PO_SUBMISSION_DT, PO_APPROVAL_DT, ORIG_PROMISED_DT,
    LAST_RECEIPT_DT, CLOSED_DT,
    -- Requisition Process Time (REQPROCESSTIME)
    CASE WHEN TRIM (COUNTRY_CODE) IN ('AE', 'EG', 'JO')
      THEN
        (SELECT
          (SELECT NVL(FS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = REQ_SUBMISSION_DT)
           -
          (SELECT NVL(FS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = REQ_CREATION_DT)
        FROM DUAL)
      ELSE
        (SELECT
          (SELECT NVL(SS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = REQ_SUBMISSION_DT)
           -
          (SELECT NVL(SS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = REQ_CREATION_DT)
        FROM DUAL)
    END REQPROCESSTIME,
```

```
  -- Requisition Approval Time (REQAPPROVALTIME)
  CASE WHEN TRIM (COUNTRY_CODE) IN ('AE', 'EG', 'JO')
    THEN
      (SELECT
        (SELECT NVL(FS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = REQ_APPROVAL_DT)
         -
        (SELECT NVL(FS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = REQ_SUBMISSION_DT)
       FROM DUAL)
    ELSE
      (SELECT
        (SELECT NVL(SS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = REQ_APPROVAL_DT)
         -
        (SELECT NVL(SS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = REQ_SUBMISSION_DT)
       FROM DUAL)
  END REQAPPROVALTIME,
--PO Process Time (POPROCESSTIME)
  CASE WHEN TRIM (COUNTRY_CODE) IN ('AE', 'EG', 'JO')
    THEN
      (SELECT
        (SELECT NVL(FS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = PO_ORDER_DT)
         -
        (SELECT NVL(FS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = REQ_APPROVAL_DT)
       FROM DUAL)
    ELSE
      (SELECT
        (SELECT NVL(SS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = PO_ORDER_DT)
         -
        (SELECT NVL(SS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = REQ_APPROVAL_DT)
       FROM DUAL)
  END POPROCESSTIME,
  --PO Approval Time (POAPPROVALTIME)
  CASE WHEN TRIM (COUNTRY_CODE) IN ('AE', 'EG', 'JO')
    THEN
      (SELECT
        (SELECT NVL(FS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = PO_APPROVAL_DT)
         -
        (SELECT NVL(FS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = PO_SUBMISSION_DT)
       FROM DUAL)
    ELSE
      (SELECT
        (SELECT NVL(SS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = PO_APPROVAL_DT)
         -
        (SELECT NVL(SS_Sequence, 0)
         FROM WC_BOM_CALENDAR_DATES
         WHERE CALENDAR_DATE = PO_SUBMISSION_DT)
       FROM DUAL)
  END POAPPROVALTIME,
```

```
    --Receipt Time (RECEIPTTIME)
    CASE WHEN TRIM (COUNTRY_CODE) IN ('AE', 'EG', 'JO')
      THEN
        (SELECT
          (SELECT NVL(FS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = LAST_RECEIPT_DT)
          -
          (SELECT NVL(FS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = NVL(ORIG_PROMISED_DT, PO_ORDER_DT))
        FROM DUAL)
      ELSE
        (SELECT
          (SELECT NVL(SS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = LAST_RECEIPT_DT)
          -
          (SELECT NVL(SS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = NVL(ORIG_PROMISED_DT, PO_ORDER_DT))
        FROM DUAL)
    END RECEIPTTIME,
    --Invoice Time (INVOICETIME)
    CASE WHEN TRIM (COUNTRY_CODE) IN ('AE', 'EG', 'JO')
      THEN
        (SELECT
          (SELECT NVL(FS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = CLOSED_DT)
          -
          (SELECT NVL(FS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = LAST_RECEIPT_DT)
        FROM DUAL)
      ELSE
        (SELECT
          (SELECT NVL(SS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = CLOSED_DT)
          -
          (SELECT NVL(SS_Sequence, 0)
           FROM WC_BOM_CALENDAR_DATES
           WHERE CALENDAR_DATE = LAST_RECEIPT_DT)
        FROM DUAL)
    END INVOICETIME,
    MV_LAST_REFRESH_DT
```

```
  -- Subquery from WC_PURCH_CYCLE_LINE_DEPT_F
FROM (
  SELECT
    CTIME.PURCH_ORDER_NUM PURCH_ORDER_NUM,
    ORG.W_COUNTRY_CODE COUNTRY_CODE,
    CTIME.X_DEPARTMENT_WID DEPARTMENT_WID,
    MAX(TRUNC(CTIME.X_RQH_CREATION_DT)) REQ_CREATION_DT,
    MAX(TRUNC(REQ_SUBMIT.CALENDAR_DATE)) REQ_SUBMISSION_DT,
    MAX(TRUNC(REQ_APPR.CALENDAR_DATE)) REQ_APPROVAL_DT,
    MIN(TRUNC(CTIME.ORDERED_ON_DT)) PO_ORDER_DT,
    MAX(TRUNC(CTIME.PO_SUBMIT_ON_DT)) PO_SUBMISSION_DT,
    MAX(TRUNC(CTIME.PO_APPROVED_ON_DT)) PO_APPROVAL_DT,
    MIN(TRUNC(CTIME.X_ORIG_PRMSED_DT)) ORIG_PROMISED_DT,
    MAX(TRUNC(CTIME.LAST_RECEIPT_DT)) LAST_RECEIPT_DT,
    MAX(TRUNC(CTIME.PO_CLOSED_DT)) CLOSED_DT,
    MAX(SYSDATE) MV_LAST_REFRESH_DT
  FROM
    WC_PURCH_CYCLE_LINE_DEPT_F CTIME,
    W_INT_ORG_D ORG,
    W_DAY_D REQ_SUBMIT,
    W_DAY_D REQ_APPR
  WHERE
    REQ_SUBMIT.ROW_WID = CTIME.SUBMITTED_ON_DT_WID
    AND REQ_APPR.ROW_WID = CTIME.APPROVED_ON_DT_WID
    AND ORG.SCD1_WID = CTIME.PURCH_ORG_WID
    AND ORG.CURRENT_FLG = 'Y'
    AND CTIME.DELETE_FLG = 'N'
    AND (ORG.PURCH_ORG_FLG IN ('U', 'Y'))
  GROUP BY CTIME.PURCH_ORDER_NUM, ORG.W_COUNTRY_CODE, CTIME.X_DEPARTMENT_WID
);

CREATE BITMAP INDEX X_PURCH_CYCLE_LINE_DEPT_MV_U1 ON X_PURCH_CYCLE_LINE_DEPT_MV (PURCH_ORDER_NUM,
DEPARTMENT_WID)
;

  COMMENT ON MATERIALIZED VIEW X_PURCH_CYCLE_LINE_DEPT_MV  IS 'snapshot table for snapshot
PROD11_DW.X_PURCH_CYCLE_LINE_DEPT_MV';
```

4.6.2 Custom GL Balance Materialized View

To boot performance for retrieving GL Balances, we created a custom materialized view as follows:

```
CREATE MATERIALIZED VIEW WC_GL_BALANCE_A_MV (BALANCE_DT_WID, GL_ACCOUNT_WID,
X_COMPANY_WID, X_DEPARTMENT_WID, X_PROJECT_WID, X_TASK_WID, BALANCE_ACCT_AMT,
BALANCE_LOC_AMT, BALANCE_GLOBAL1_AMT, BALANCE_GLOBAL2_AMT, BALANCE_GLOBAL3_AMT,
ACTIVITY_ACCT_AMT, ACTIVITY_LOC_AMT, ACTIVITY_GLOBAL1_AMT,
ACTIVITY_GLOBAL2_AMT, ACTIVITY_GLOBAL3_AMT, CARRY_FORWARD_ACCT_AMT,
CARRY_FORWARD_LOC_AMT, CARRY_FORWARD_GLOBAL1_AMT, CARRY_FORWARD_GLOBAL2_AMT,
CARRY_FORWARD_GLOBAL3_AMT)
  ORGANIZATION HEAP PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
 NOCOMPRESS LOGGING
  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
  BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
  TABLESPACE PROD11_DW_DATA BUILD IMMEDIATE
  USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255
  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
  BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
  TABLESPACE PROD11_DW_DATA REFRESH FORCE ON DEMAND
  USING DEFAULT LOCAL ROLLBACK SEGMENT
  USING ENFORCED CONSTRAINTS DISABLE QUERY REWRITE
  AS select
  GL.BALANCE_DT_WID, GL.GL_ACCOUNT_WID, GL.X_COMPANY_WID, GL.X_DEPARTMENT_WID,
  GL.X_PROJECT_WID, GL.X_TASK_WID,
  SUM(GL.BALANCE_ACCT_AMT) BALANCE_ACCT_AMT,
  SUM(GL.BALANCE_LOC_AMT) BALANCE_LOC_AMT,
  SUM(GL.BALANCE_GLOBAL1_AMT) BALANCE_GLOBAL1_AMT,
  SUM(GL.BALANCE_GLOBAL2_AMT) BALANCE_GLOBAL2_AMT,
  SUM(GL.BALANCE_GLOBAL3_AMT) BALANCE_GLOBAL3_AMT,
  SUM(GL.ACTIVITY_ACCT_AMT) ACTIVITY_ACCT_AMT,
  SUM(GL.ACTIVITY_LOC_AMT) ACTIVITY_LOC_AMT,
  SUM(GL.ACTIVITY_GLOBAL1_AMT) ACTIVITY_GLOBAL1_AMT,
  SUM(GL.ACTIVITY_GLOBAL2_AMT) ACTIVITY_GLOBAL2_AMT,
  SUM(GL.ACTIVITY_GLOBAL3_AMT) ACTIVITY_GLOBAL3_AMT,
  SUM(GL.CARRY_FORWARD_ACCT_AMT) CARRY_FORWARD_ACCT_AMT,
  SUM(GL.CARRY_FORWARD_LOC_AMT) CARRY_FORWARD_LOC_AMT,
  SUM(GL.CARRY_FORWARD_GLOBAL1_AMT) CARRY_FORWARD_GLOBAL1_AMT,
  SUM(GL.CARRY_FORWARD_GLOBAL2_AMT) CARRY_FORWARD_GLOBAL2_AMT,
  SUM(GL.CARRY_FORWARD_GLOBAL3_AMT) CARRY_FORWARD_GLOBAL3_AMT
FROM
  W_GL_BALANCE_F GL, W_LEDGER_D LD
WHERE
  GL.LEDGER_WID = LD.ROW_WID AND LD.LEDGER_CATEGORY_CODE = 'PRIMARY'
  AND GL.FINANCIAL_GL_FLG = 'Y'
GROUP BY
  GL.BALANCE_DT_WID, GL.GL_ACCOUNT_WID, GL.X_COMPANY_WID, GL.X_DEPARTMENT_WID,
  GL.X_PROJECT_WID, GL.X_TASK_WID;
  CREATE BITMAP INDEX WC_GL_BALANCE_A_MV_F3 ON WC_GL_BALANCE_A_MV
 (GL_ACCOUNT_WID);
```

```
CREATE BITMAP INDEX WC_GL_BALANCE_A_MV_F3 ON WC_GL_BALANCE_A_MV
(GL_ACCOUNT_WID);
  CREATE BITMAP INDEX WC_GL_BALANCE_A_MV_F4 ON WC_GL_BALANCE_A_MV
(X_DEPARTMENT_WID);
  CREATE BITMAP INDEX WC_GL_BALANCE_A_MV_F5 ON WC_GL_BALANCE_A_MV
(X_COMPANY_WID);
  CREATE UNIQUE INDEX I_SNAP$_WC_GL_BALANCE_A_MV ON WC_GL_BALANCE_A_MV
(SYS_OP_MAP_NONNULL (BALANCE_DT_WID), SYS_OP_MAP_NONNULL (GL_ACCOUNT_WID),
SYS_OP_MAP_NONNULL (X_COMPANY_WID), SYS_OP_MAP_NONNULL (X_DEPARTMENT_WID),
SYS_OP_MAP_NONNULL (X_PROJECT_WID), SYS_OP_MAP_NONNULL (X_TASK_WID));
  CREATE BITMAP INDEX WC_GL_BALANCE_A_MV_F2 ON WC_GL_BALANCE_A_MV
(BALANCE_DT_WID);
  CREATE BITMAP INDEX WC_GL_BALANCE_A_MV_F6 ON WC_GL_BALANCE_A_MV
(X_PROJECT_WID);
  CREATE BITMAP INDEX WC_GL_BALANCE_A_MV_F7 ON WC_GL_BALANCE_A_MV (X_TASK_WID);
   COMMENT ON MATERIALIZED VIEW WC_GL_BALANCE_A_MV IS 'snapshot table for
snapshot PROD11_DW.WC_GL_BALANCE_A_MV';
```

5 Custom Patches in ODI

Custom patches are created to solve known issues of OBI Apps. Custom patches located in **Bi Apps Project →
Mappings → CUSTOM_PATCHES**.
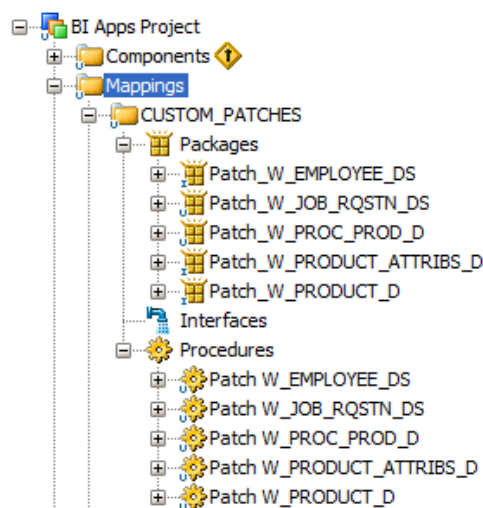
Each patch executes a procedure to delete duplicates in the corresponding table. All the patches have to be
included in the Load Plan after it has been generated by OBI Apps.

5.1 Patch for W_EMPLOYEE_DS

- Objective: Avoid errors when creating indexes due to duplicate entries
- Scenario name: CUSTOM_PATCHES_PATCH_W_EMPLOYEE_DS
- To be placed in:

Start Load Plan → Global Variable Refresh → Source Extract Phase → 1 SDE Extract → 2 SDE Dimension
Group → Parallel → 3 SDE Dims EMPLOYEE_DIM

Place between "*Load Target Table*" and "*Finalize EMPLOYEE_DIM*"
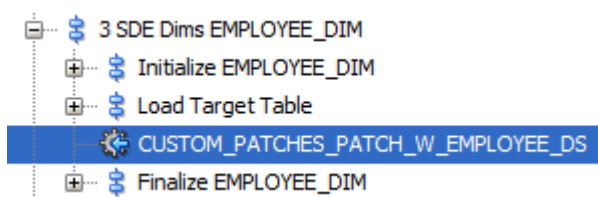
5.2 Patch for W_PRODUCT_ATTRIBS_D

- Objective: Avoid errors when creating indexes due to duplicate entries
- Scenario name: CUSTOM_PATCHES_PATCH_W_PRODUCT_ATTRIBS_D
- To be placed in:

Start Load Plan → Global Variable Refresh → Warehouse Load → 1 SIL Load → 2 SIL Dimension Group → Parallel – Others → 3 SIL Dims PRODUCT_DIM → PRODUCT_DIM

Place between "**SIL_PRODUCTDIMENSIONATTRIBUTESINSERT**" and "**Create Index for W_PRODUCT_ATTRIBS_D**"
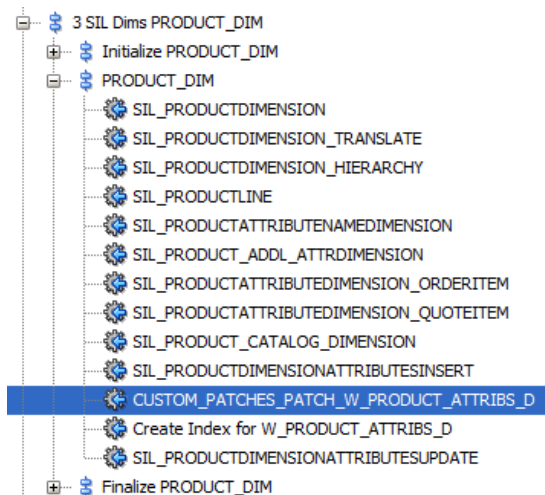
5.3 Patch for W_PRODUCT _D

- Objective: Avoid errors when creating indexes due to duplicate entries
- Scenario name: CUSTOM_PATCHES_PATCH_W_PRODUCT_D
- To be placed in:

Start Load Plan → Global Variable Refresh → Warehouse Load → 1 SIL Load → 2 SIL Dimension Group → Parallel – Others → 3 SIL Dims PRODUCT_DIM

Place between "**PRODUCT_DIM**" and "**Finalize PRODUCT_DIM**"
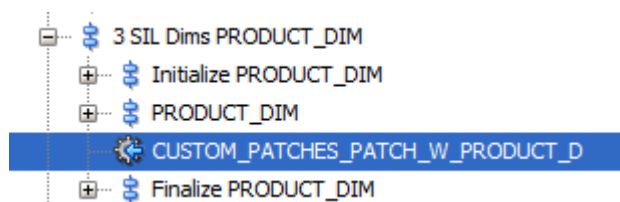
5.4 Patch for W_PROC_PROD _D

- Objective: Avoid errors when creating indexes due to duplicate entries
- Scenario name: CUSTOM_PATCHES_PATCH_W_PROC_PROD_D
- To be placed in:
-

Start Load Plan → Global Variable Refresh → Warehouse Load → 1 SIL Load → 2 SIL Dimension Group → Parallel – Dependent DimGroup → Procurement Product Dependent → 3 SIL Dims PROCPRODUCT_DIM

Place between "**PROCPRODUCT_DIM**" and "**Finalize PROCPRODUCT_DIM**"
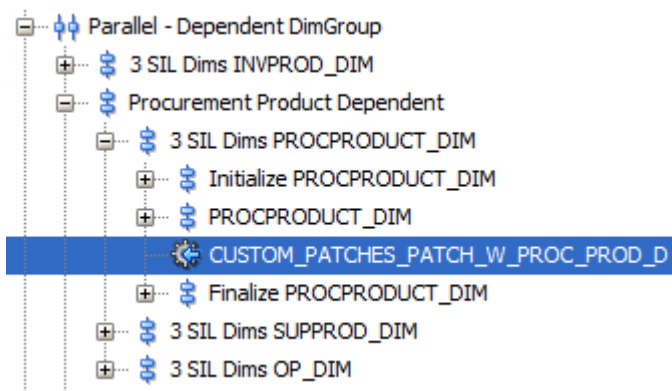
5.5 Patch for W_JOB_RQSTN_DS

- Objective: Avoid errors when there are multiple vacancies opening with single vacancy code
- Scenario name: CUSTOM_PATCHES_PATCH_W_JOB_RQSTN_DS
- To be placed in:

Start Load Plan → Global Variable Refresh → Source Extract Phase → 3 SDE Dims JOB_RQSTN_DIM

Place between "*Load Target Table*" and "*Finalize JOB_RQSTN_DIM*"
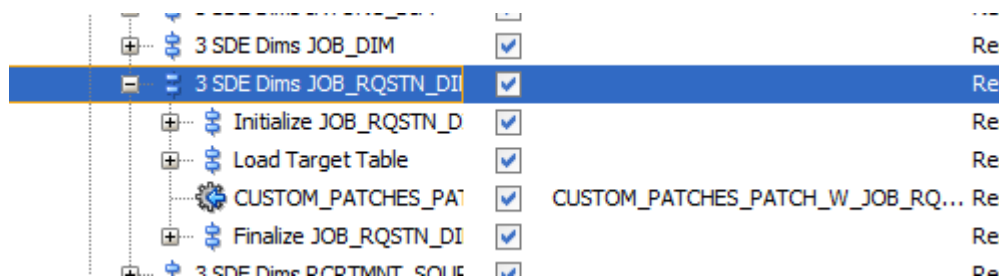
6 RPD Design

This section describes the main components of the OBIEE Repository RPD, focusing on the customisation applied to the Oracle BI Applications (OBIA) framework Out-of-the-box (OOTB) components.

The following areas are covered:

- Physical model and joins
- Business model and dimension hierarchies
- Definition of metrics, aggregations and time calculations

6.1 Physical Model

In this section we describe the physical model of the RPD. Here we will only show the star diagrams and the joins between facts, dimensions and lookups that have been customised or created for this project.

6.1.1 Finance Target Fact
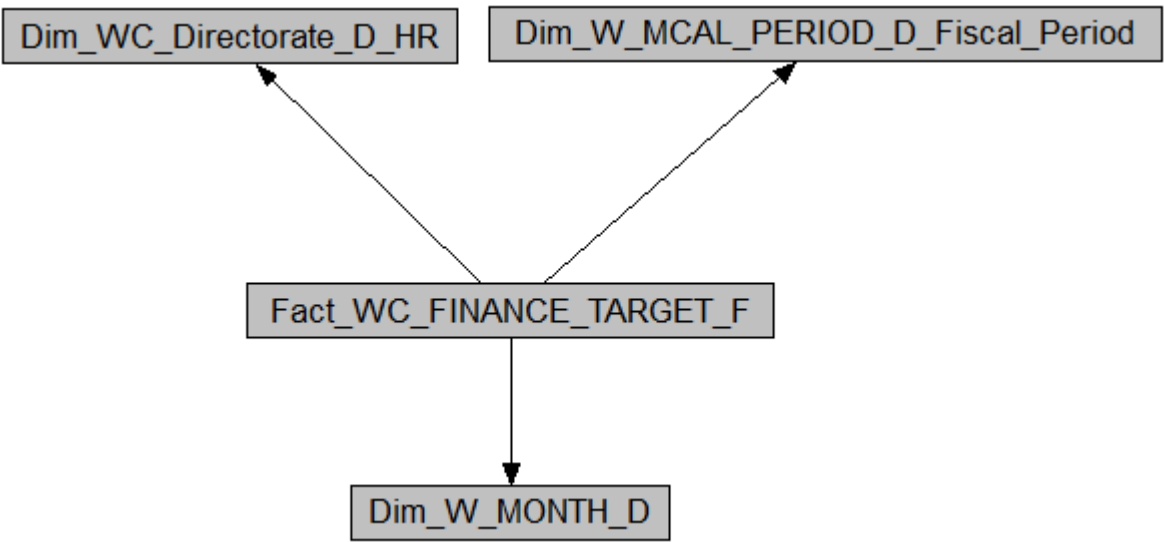
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_MCAL_PERIOD_D_Fiscal_Period	Dimension	BUDGET_PERIOD_WID	ROW_WID
Dim_WC_DIRECTORATE_D_HR	Dimension	DIRECTORATE_WID	ROW_WID
Dim_W_MONTH_D	Dimension	MONTH_WID	ROW_WID

6.1.2 Requisition Line Cost Fact

Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_GL_SEGMENT_D_Segment1	Dimension	X_GL_SEG1_SCD1_WID	SCD1_WID
Dim_W_GL_SEGMENT_D_Segment2	Dimension	X_GL_SEG1_SCD2_WID	SCD1_WID
Dim_W_GL_SEGMENT_D_Segment5	Dimension	X_GL_SEG1_SCD5_WID	SCD1_WID
Dim_W_GL_SEGMENT_D_Segment6	Dimension	X_GL_SEG1_SCD6_WID	SCD1_WID
Dim_W_PROJECT_D	Dimension	X_GL_SEG1_SCD5_WID	X_GL_SEG1_SCD5_WID
Dim_W_TASK_D	Dimension	X_GL_SEG1_SCD6_WID	X_GL_SEG1_SCD6_WID

6.1.3   Purchase Cycle Line Department Fact
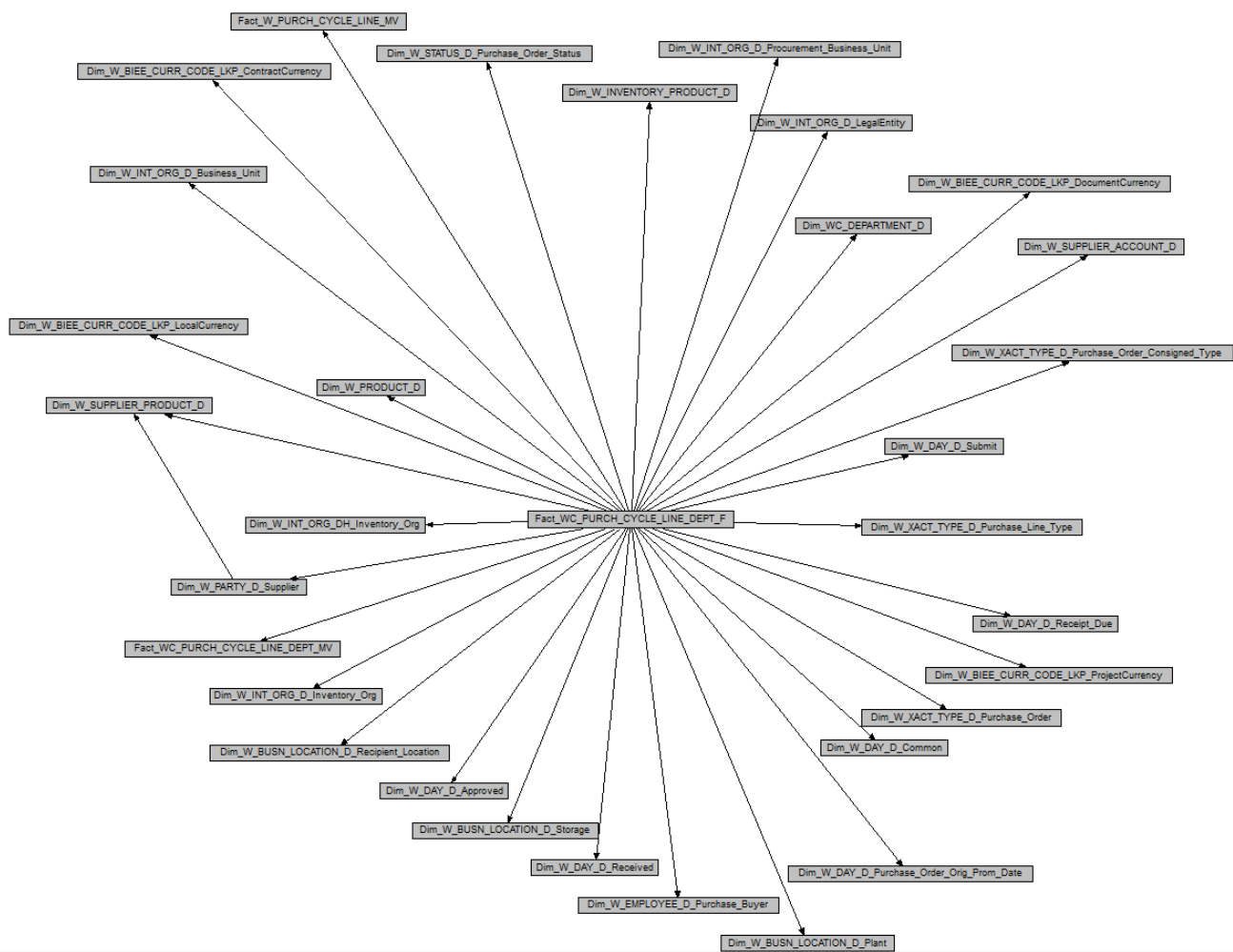
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_WC_DEPARTMENT_D	Dimension	X_DEPARTMENT_WID	ROW_WID
Fact_WC_PURCH_CYCLE_LINE_DEPT_MV	Fact	PURCH_ORDER_NUM	PURCH_ORDER_NUM
Fact_WC_PURCH_CYCLE_LINE_DEPT_MV	Fact	DEPARTMENT_WID	X_DEPARTMENT_WID

6.1.4 Class Attendance Fact
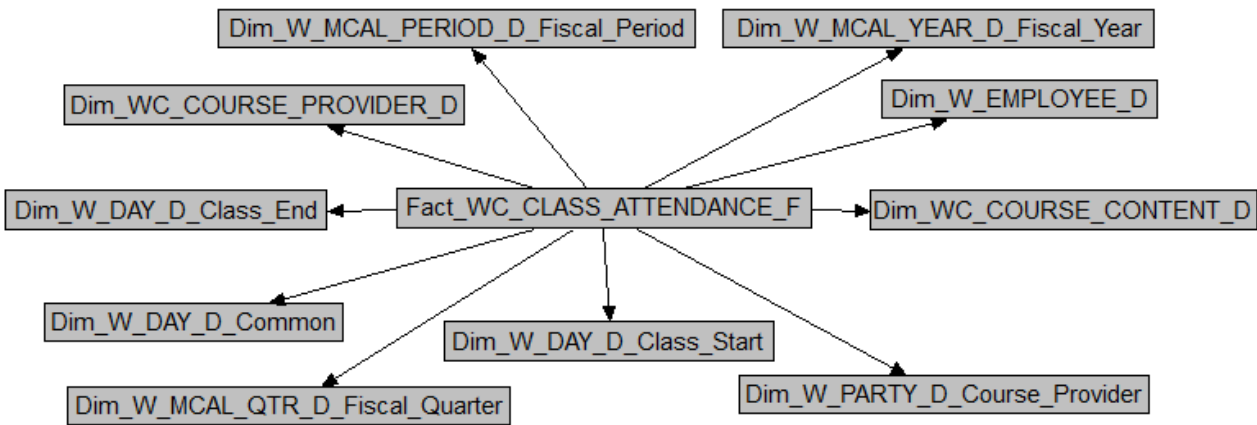
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	ROW_WID
Dim_W_DAY_D_Class_End	Dimension	CLASS_END_DAY_WID	ROW_WID
Dim_WC_COURSE_CONTENT_D	Dimension	COURSE_CONTENT_WID	ROW_WID
Dim_WC_COURSE_PROVIDER_D	Dimension	COURSE_PROVIDER_WID	ROW_WID
Dim_W_DAY_D_Class_Start	Dimension	CLASS_START_DAY_WID	ROW_WID
Dim_W_MCAL_PERIOD_D_Fiscal_Period	Dimension	CLASS_PLAN_PERIOD_WID	ROW_WID
Dim_W_MCAL_YEAR_D_Fiscal_Year	Dimension	CLASS_PLAN_YEAR_WID	ROW_WID
Dim_W_PARTY_D_Course_Provider	Dimension	COURSE_PROVIDER_PARTY_WID	ROW_WID
Dim_W_MCAL_QTR_D_Fiscal_Quarter	Dimension	CLASS_PLAN_QUARTER_WID	ROW_WID
Dim_W_DAY_D_Common	Dimension	CLASS_START_DAY_WID	ROW_WID

6.1.5 Course Offering Competencies Fact
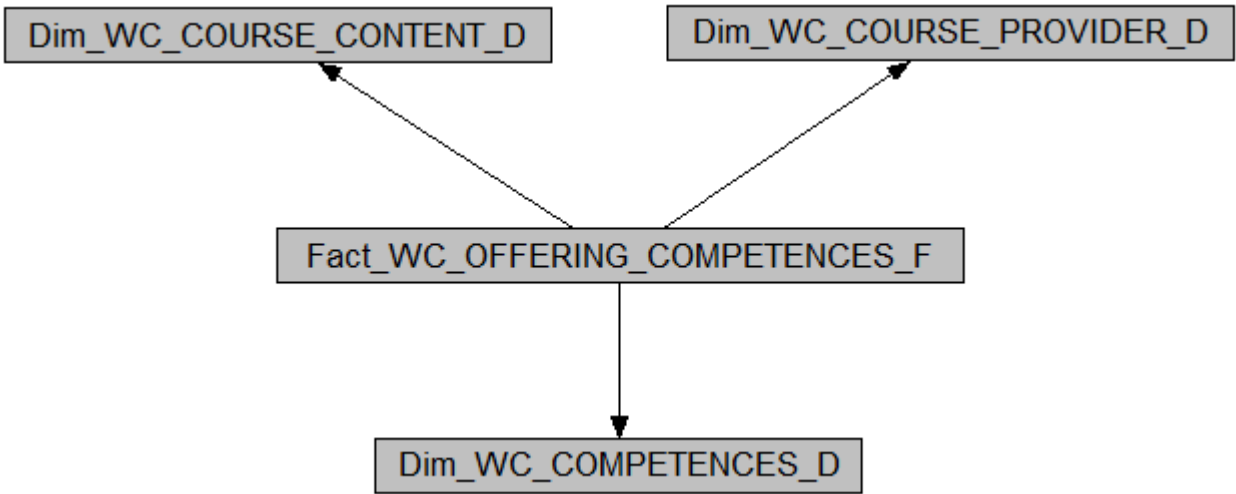
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_WC_COURSE_CONTENT_D	Dimension	COURSE_CONTENT_WID	ROW_WID
Dim_WC_COURSE_PROVIDER_D	Dimension	COURSE_PROVIDER_WID	ROW_WID
Dim_WC_COMPETENCES_D	Dimension	COMPETENCE_WID	ROW_WID

6.1.6 Employee Daily Attendance Fact
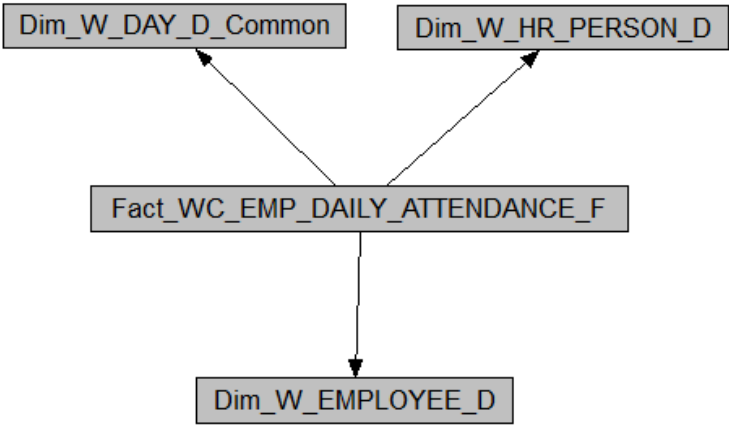
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_DAY_D_Common	Dimension	ATTENDANCE_DT_WID	ROW_WID
Dim_W_HR_PERSON_D	Dimension	PERSON_WID	ROW_WID
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	ROW_WID

6.1.7 Employee Leave Request Fact
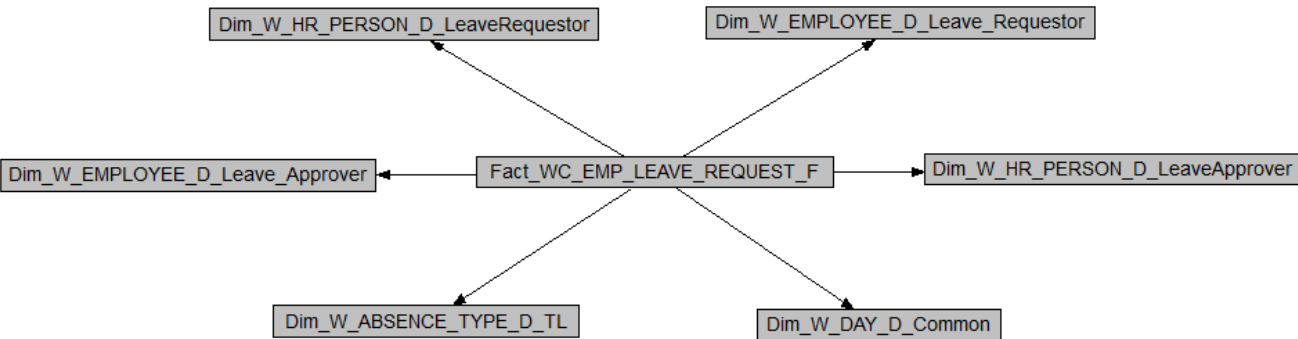
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_DAY_D_Common	Dimension	APPLIED_DT_WID	ROW_WID
Dim_W_HR_PERSON_D_LeaveRequestor	Dimension	CREATOR_PER_WID	ROW_WID
Dim_W_HR_PERSON_D_LeaveApprover	Dimension	PENDING_WITH_PER_WID	ROW_WID
Dim_W_EMPLOYEE_D_Leave_Requestor	Dimension	CREATOR_EMP_WID	ROW_WID
Dim_W_EMPLOYEE_D_Leave_Approver	Dimension	PENDING_WITH_EMP_WID	ROW_WID
Dim_W_ABSENCE_TYPE_D_TL	Dimension	ABSENCE_ATTENDANCE_TYPE_WID	ROW_WID

6.1.8 Employee Qualification Fact
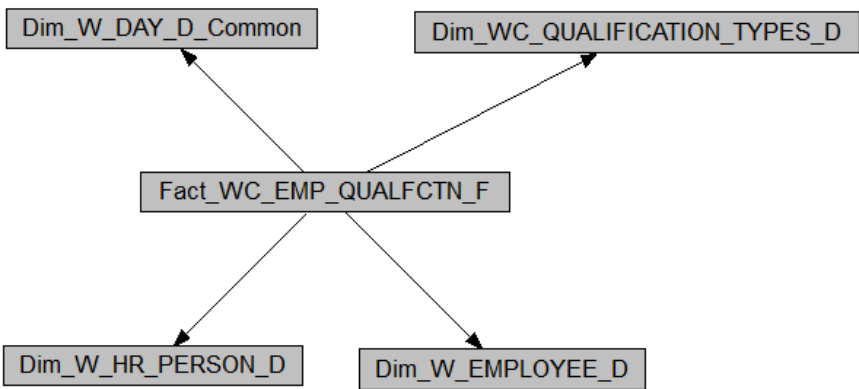
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_DAY_D_Common	Dimension	QUALIFICATION_AWARD_DT_WID	ROW_WID
Dim_WC_QUALIFICATION_TYPES_D	Dimension	QUALIFICATION_TYPE_WID	ROW_WID
Dim_W_HR_PERSON_D	Dimension	PERSON_WID	ROW_WID
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	ROW_WID

6.1.9   Employee Leave Exception Fact
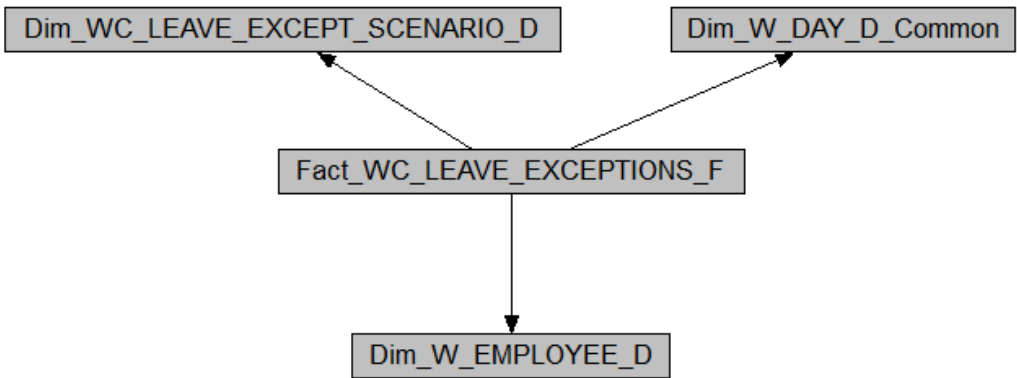
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_DAY_D_Common	Dimension	PHASE1_START_DATE_WID	ROW_WID
Dim_WC_LEAVE_EXCEP_SCENARIO_D	Dimension	SCENARIO_WID	ROW_WID
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	ROW_WID

6.1.10 Employee Reduced Working Hour Fact
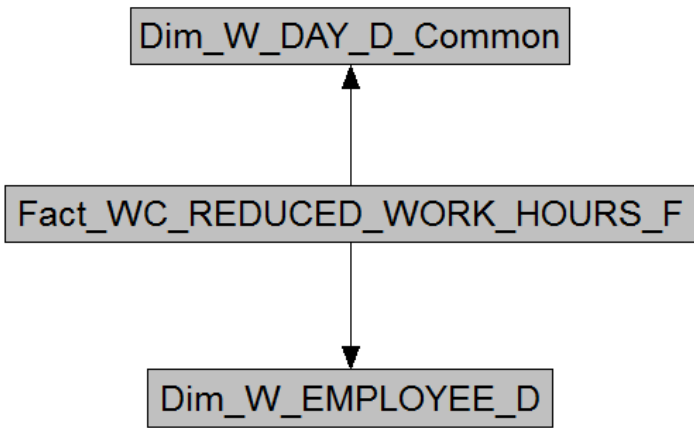
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_DAY_D_Common	Dimension	START_DATE_WID	ROW_WID
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	ROW_WID

6.1.11 Employee Transfer
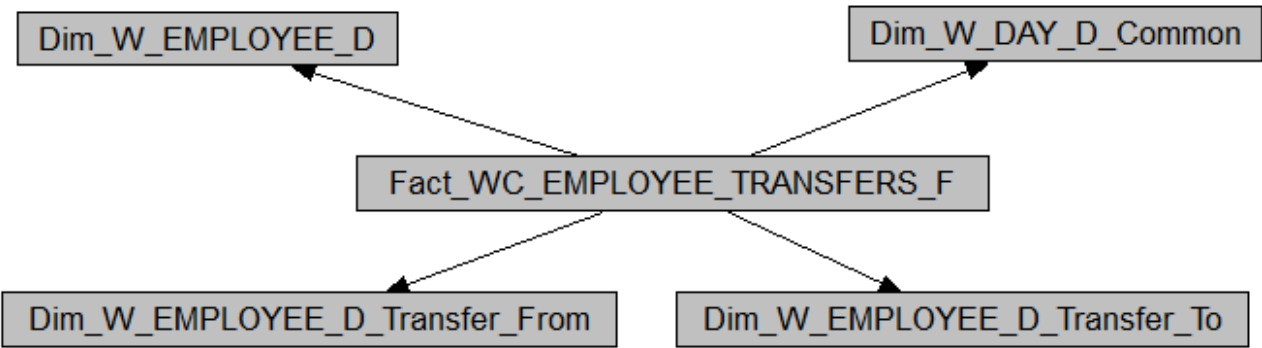
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_DAY_D_Common	Dimension	TRANSFER_DAY_WID	ROW_WID
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	ROW_WID
Dim_W_EMPLOYEE_D_Transfer_From	Dimension	EMPLOYEE_PRV_WID	ROW_WID
Dim_W_EMPLOYEE_D_Transfer_To	Dimension	EMPLOYEE_WID	ROW_WID

6.1.12 Pay Roll Run Details Fact
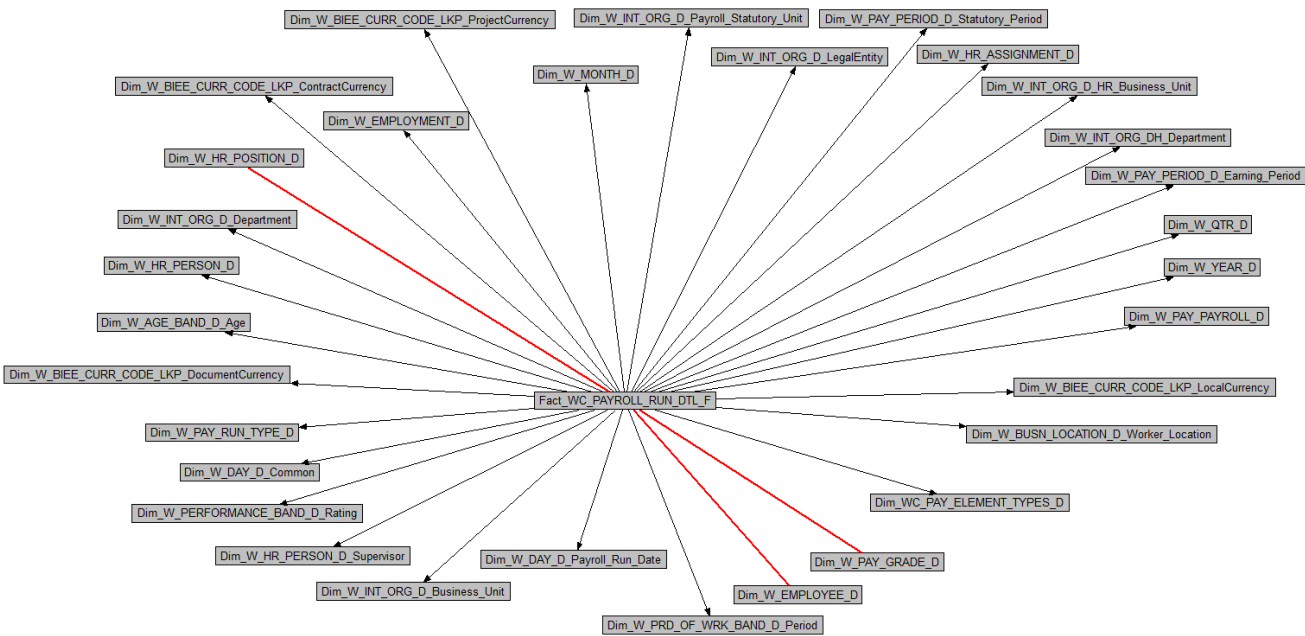
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_WC_PAY_ELEMENT_TYPES_D	Dimension	PAY_ELEMENT_TYPE_WID	ROW_WID

6.1.13 GL Balance Fact
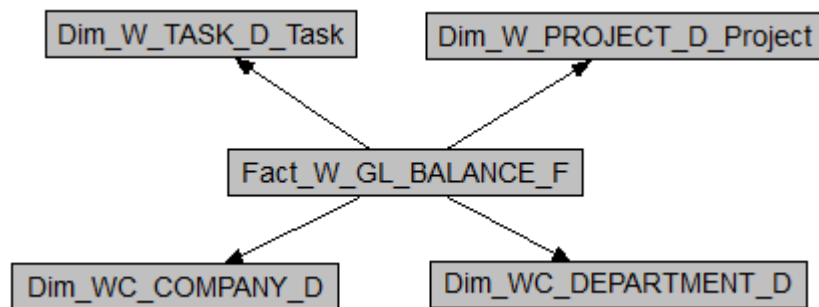
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_TASK_D_Task	Dimension	X_TASK_WID	ROW_WID
Dim_W_PROJECT_D_Project	Dimension	X_PROJECT_WID	ROW_WID
Dim_WC_COMPANY_D	Dimension	X_COMPANY_WID	ROW_WID
Dim_WC_DEPARTMENT_D	Dimension	X_DEPARTMENT_WID	ROW_WID

6.1.14 Time and Attendance Fact
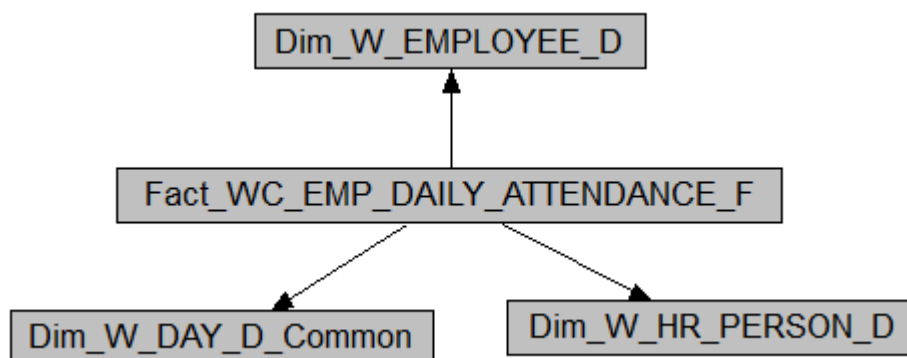
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	ROW_WID
Dim_W_HR_PERSON	Dimension	PERSON_WID	ROW_WID
Dim_W_DAY_D_Common	Dimension	ATTENDANCE_DT_WID	ROW_WID

6.1.15 Absence Event Fact
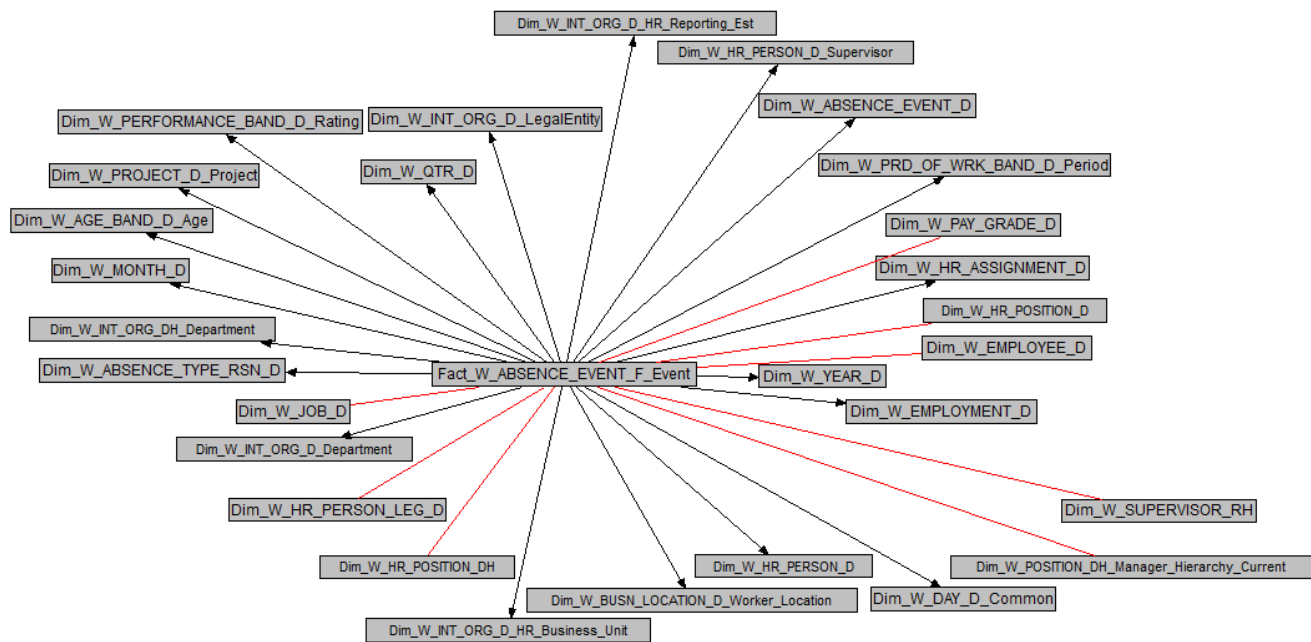
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_PROJECT_D_Project	Dimension	X_PROJECT_WID	ROW_WID

6.1.16 Recruitment Event Fact
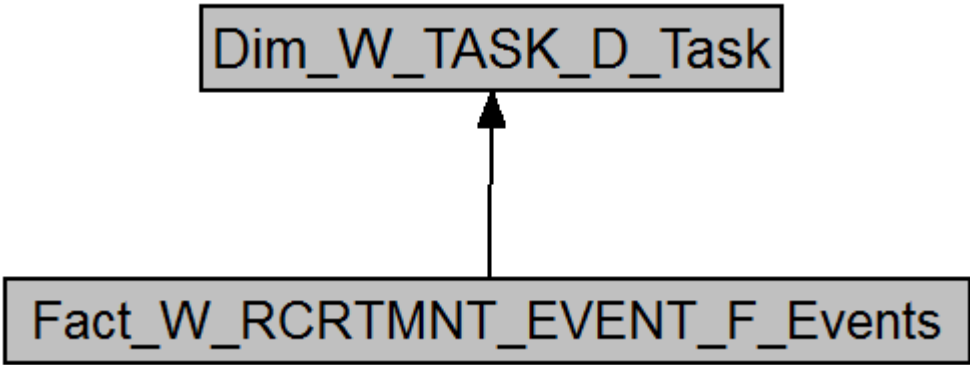
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_TASK_D_Task	Dimension	X_TASK_WID	ROW_WID

6.1.17 Purchase Cost Fact

Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_TASK_D_Task	Dimension	X_TASK_WID	ROW_WID
Dim_WC_COMPANY_D	Dimension	X_COMPANY_WID	ROW_WID
Dim_WC_DEPARTMENT_D	Dimension	X_DEPARTMENT_WID	ROW_WID
Dim_W_DAY_D_Purchase_Order_Orig_Prom_Date	Dimension	X_ORIG_PRMSED_DT_WID	ROW_WID
Dim_W_PROJECT_D_Project	Dimension	X_PROJECT_WID	ROW_WID
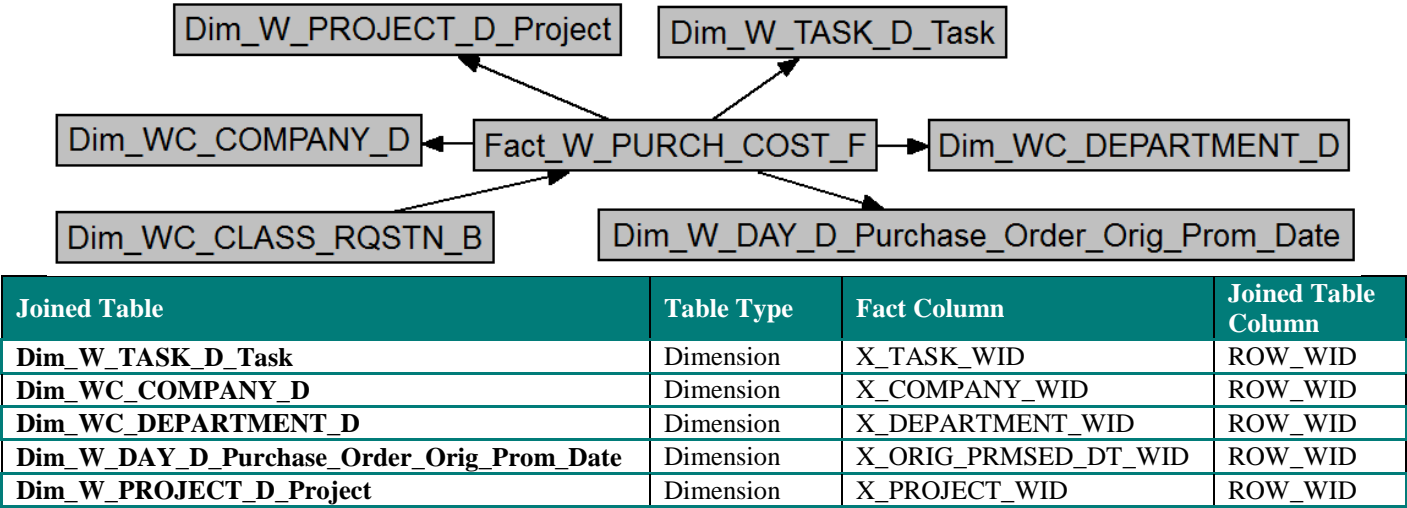
6.1.18 Account Budget Fact
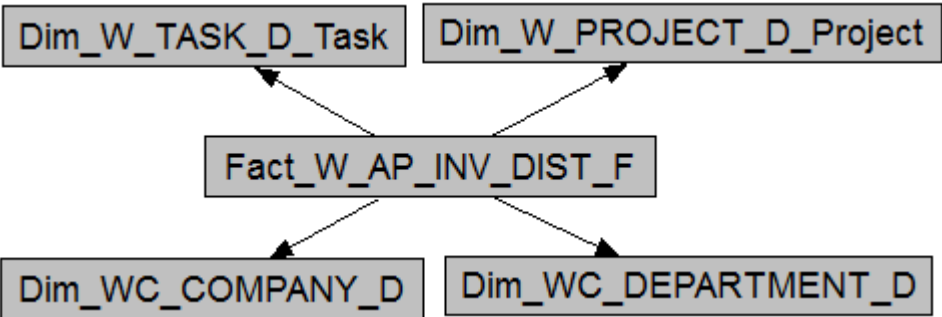
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_TASK_D_Task	Dimension	X_TASK_WID	ROW_WID
Dim_WC_COMPANY_D	Dimension	X_COMPANY_WID	ROW_WID
Dim_WC_DEPARTMENT_D	Dimension	X_DEPARTMENT_WID	ROW_WID
Dim_W_PROJECT_D_Project	Dimension	X_PROJECT_WID	ROW_WID

6.1.19 AP Invoice Fact

Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_TASK_D_Task	Dimension	X_TASK_WID	ROW_WID
Dim_WC_COMPANY_D	Dimension	X_COMPANY_WID	ROW_WID
Dim_WC_DEPARTMENT_D	Dimension	X_DEPARTMENT_WID	ROW_WID
Dim_W_PROJECT_D_Project	Dimension	X_PROJECT_WID	ROW_WID

6.1.20 Employee Workforce Event Fact (Month Snapshot)
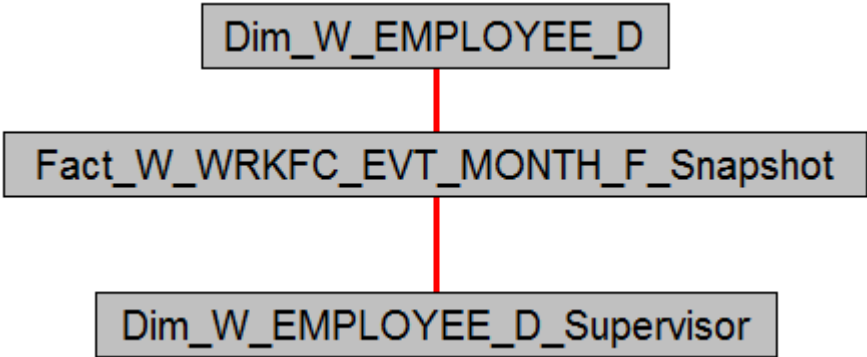
Joined Table	Table Type	Fact Column	Joined Table Column
Dim_W_EMPLOYEE_D	Dimension	EMPLOYEE_WID	SCD1_WID
Dim_W_EMPLOYEE_D	Dimension	EFFECTIVE_FROM_DT - 1	>= EFFECTIVE_FROM_DT
Dim_W_EMPLOYEE_D	Dimension	EFFECTIVE__TO_DT – 1	< EFFECTIVE_TO_DT
Dim_W_EMPLOYEE_D_Supervisor	Dimension	SUPERVISOR_WID	SCD1_WID
Dim_W_EMPLOYEE_D_Supervisor	Dimension	EFFECTIVE_FROM_DT - 1	>= EFFECTIVE_FROM_DT
Dim_W_EMPLOYEE_D_Supervisor	Dimension	EFFECTIVE__TO_DT – 1	< EFFECTIVE_TO_DT

6.2 Business Model

In this section we describe the business model of the RPD. We will present the dimension hierarchies and the logical star diagram, as well as the calculation of the main metrics.

6.2.1 Dimension Hierarchies

In order to allow proper drill downs and aggregations, different hierarchies have been created for some of the custom dimensions created in the project. Here we present the logical hierarchies of the Business Model of the RPD.

6.2.1.1 MBC Organization Hierarchy
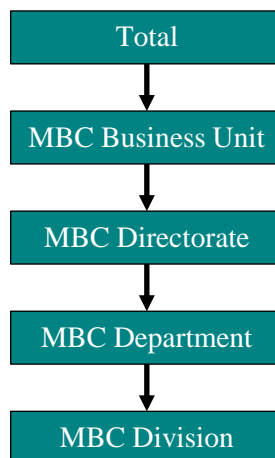
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Organization Hierarchy	Dim_WC_BUSINESS_UNIT_D	Yes	MBC Business Unit
	Dim_WC_DIRECTORATE_D_HR	Yes	MBC Directorate
	Dim_WC_DEPARTMENT_D	Yes	MBC Department
	Dim_WC_DIVISION_D	Yes	MBC Division

6.2.1.2 MBC Company Hierarchy
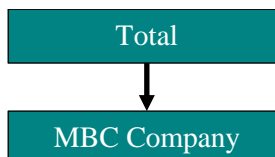
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Company	Dim_WC_COMPANY_D	Yes	MBC Company

6.2.1.3 MBC Work Company Hierarchy

```
        ┌──────────┐
        │  Total   │
        └────┬─────┘
             ▼
   ┌──────────────────┐
   │ MBC Work Company │
   └──────────────────┘
```
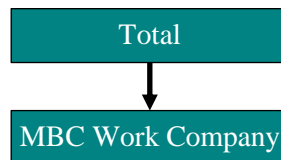
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Work Company	Dim_WC_WORK_COMPANY_D	Yes	MBC Work Company

6.2.1.4 MBC Class Details

```
              ┌──────────┐
              │  Total   │
              └────┬─────┘
          ┌────────┴────────┐
          ▼                 ▼
  ┌───────────────┐  ┌──────────────┐
  │ MBC Class Plan│  │ MBC Offering │
  └───────────────┘  └──────────────┘
```
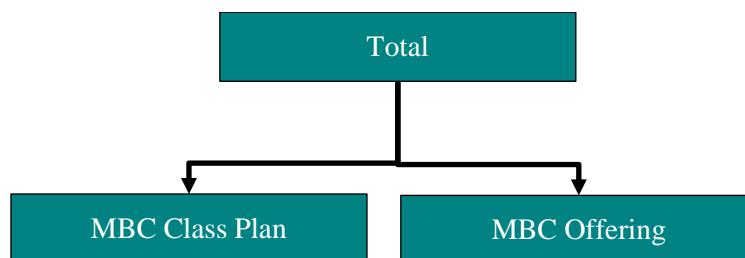
Logical Dimension	Fact_WC_CLASS_RQSTN_B	Enabled	Logical Level
Dim – MBC Class Details	Fact_WC_CLASS_RQSTN_B	Yes	MBC Class Plan
	Fact_WC_CLASS_ATTENDANCE_F	Yes	MBC Offering

6.2.1.5 MBC Competences

```
   ┌───────────────────────────┐
   │ Dim - MBC Competences Total│
   └────────────┬──────────────┘
                ▼
      ┌──────────────────┐
      │ MBC Competences  │
      └──────────────────┘
```
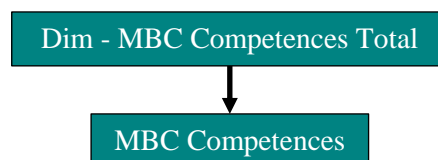
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Competences	Dim_WC_COMPETENCES_D	Yes	MBC Competences

6.2.1.6 MBC Course Content

```
              ┌──────────┐
              │  Total   │
              └────┬─────┘
          ┌────────┴────────┐
          ▼                 ▼
┌────────────────────────┐ ┌──────────────────────┐
│ MBC Course Content Type│ │ Course Feedback Type │
└────────────────────────┘ └──────────────────────┘
```
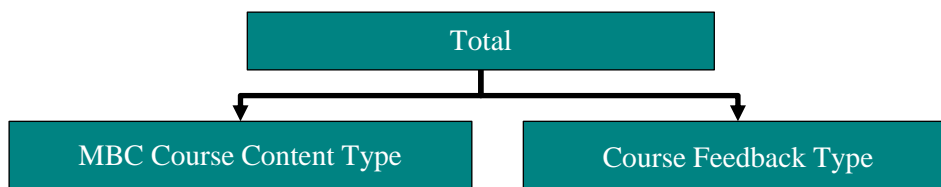
Logical Dimension	Source	Enabled	Logical Level

| **Dim – MBC Course Content** | Dim_WC_COURSE_CONTENT_D | Yes | Course Content Type |
| | | Yes | Course Feedback Type |

6.2.1.7 MBC Course Provider
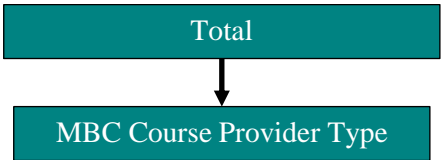
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Course Provider	Dim_WC_COURSE_PROVIDER_D	Yes	MBC Course Provider Type

6.2.1.8 MBC Course Provider Party
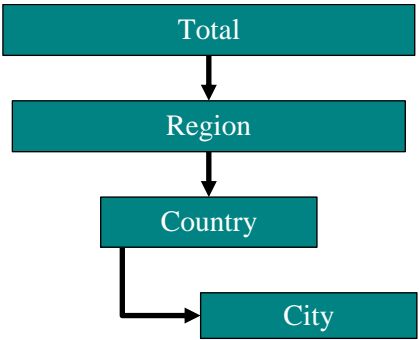
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Course Provider Party	Dim_W_PARTY_D_Course_Provider	Yes	Region
		Yes	Country
		Yes	City

6.2.1.9 MBC Day Class Start
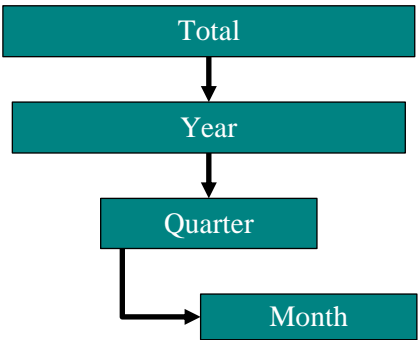
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Day Class Start	Dim_W_DAY_D_Class_Start	Yes	Year
		Yes	Quarter
		Yes	Month

CLEARPEAKS

6.2.1.10 MBC Day Class End
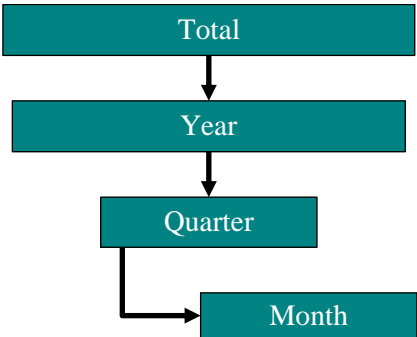
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Day Class End	Dim_W_DAY_D_Class_End	Yes	Year
		Yes	Quarter
		Yes	Month

6.2.1.11 MBC Employee Transfer From
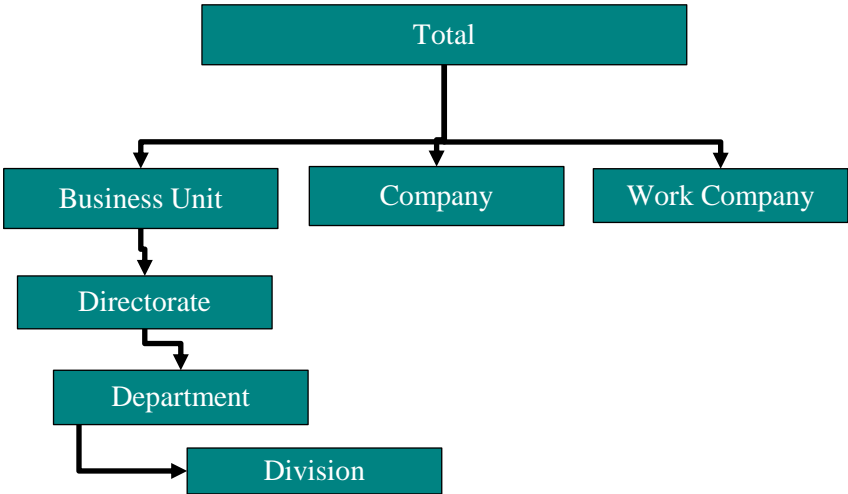
Logical Dimension	Source	Enabled	Logical Level
Dim_W_EMPLOYEE_D_Transfer_From	Dim_WC_BUSINESS_UNIT_D	Yes	MBC Business Unit
	Dim_WC_DIRECTORATE_D	Yes	MBC Directorate
	Dim_WC_DEPARTMENT_D	Yes	MBC Department
	Dim_WC_DIVISION_D	Yes	MBC Division
	Dim_WC_COMPANY_D	Yes	MBC Company
	Dim_WC_WORK_COMPANY_D	Yes	MBC Work Company

6.2.1.12 MBC Employee Transfer To

```
                        ┌─────────────────────┐
                        │        Total        │
                        └─────────────────────┘
              ┌──────────────┬──────────────┐
              ▼              ▼              ▼
    ┌──────────────┐  ┌──────────────┐  ┌──────────────┐
    │ Business Unit│  │   Company    │  │ Work Company │
    └──────────────┘  └──────────────┘  └──────────────┘
           │
           ▼
    ┌──────────────┐
    │  Directorate │
    └──────────────┘
           │
           ▼
    ┌──────────────┐
    │  Department  │
    └──────────────┘
           │
           └──────────▶ ┌──────────────┐
                        │   Division   │
                        └──────────────┘
```
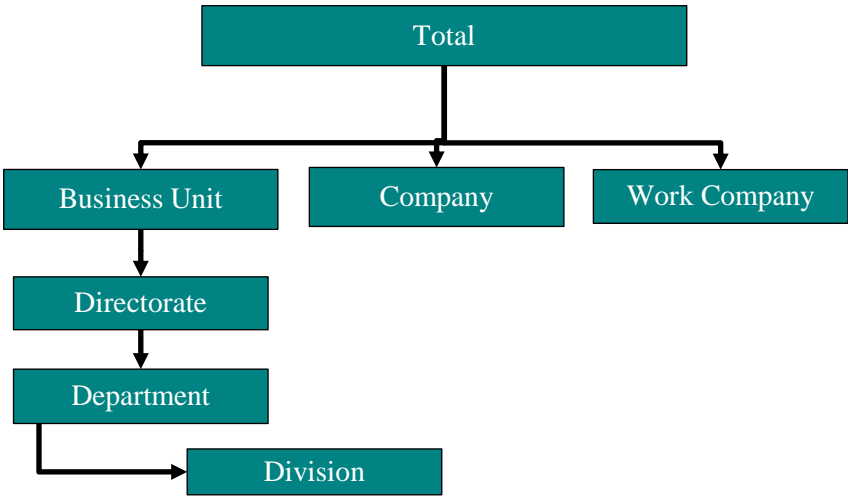
Logical Dimension	Source	Enabled	Logical Level
Dim_W_EMPLOYEE_D_Transfer_To	Dim_WC_BUSINESS_UNIT_D	Yes	MBC Business Unit
	Dim_WC_DIRECTORATE_D	Yes	MBC Directorate
	Dim_WC_DEPARTMENT_D	Yes	MBC Department
	Dim_WC_DIVISION_D	Yes	MBC Division
	Dim_WC_COMPANY_D	Yes	MBC Company
	Dim_WC_WORK_COMPANY_D	Yes	MBC Work Company

6.2.1.13 MBC Hired Employee
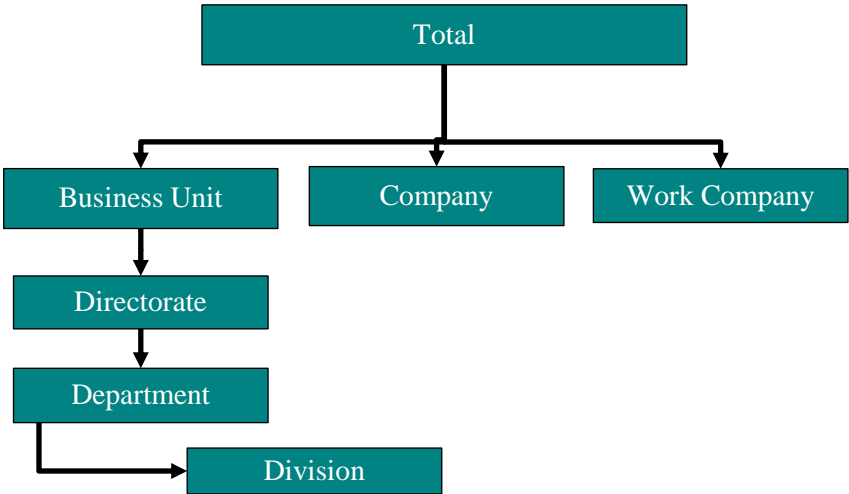
Logical Dimension	Source	Enabled	Logical Level
Dim_W_EMPLOYEE_D_Hired_Employee	Dim_WC_BUSINESS_UNIT_D	Yes	MBC Business Unit
	Dim_WC_DIRECTORATE_D	Yes	MBC Directorate
	Dim_WC_DEPARTMENT_D	Yes	MBC Department
	Dim_WC_DIVISION_D	Yes	MBC Division
	Dim_WC_COMPANY_D	Yes	MBC Company

6.2.1.14 MBC Leave Approver Employee
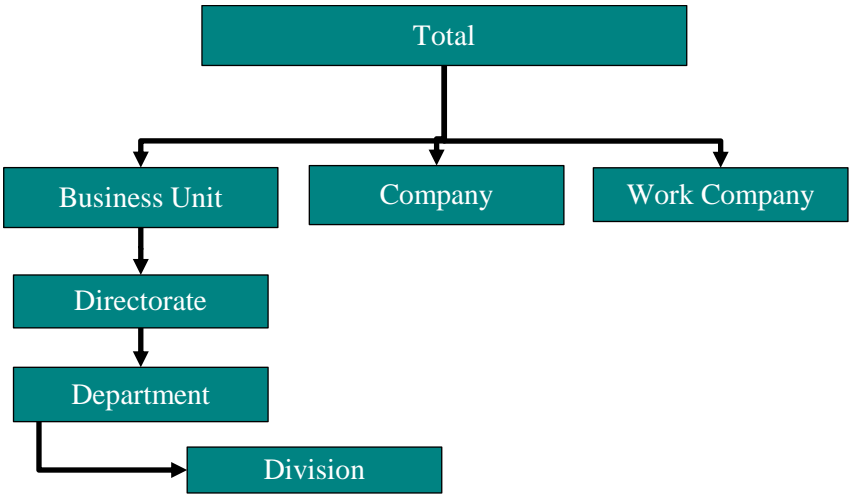
Logical Dimension	Source	Enabled	Logical Level
Dim_W_EMPLOYEE_D_Leave_Approver	Dim_WC_BUSINESS_UNIT_D	Yes	MBC Business Unit
	Dim_WC_DIRECTORATE_D	Yes	MBC Directorate
	Dim_WC_DEPARTMENT_D	Yes	MBC Department

| | Dim_WC_DIVISION_D | Yes | MBC Division |
| | Dim_WC_COMPANY_D | Yes | MBC Company |

6.2.1.15 MBC Leave Requestor Employee
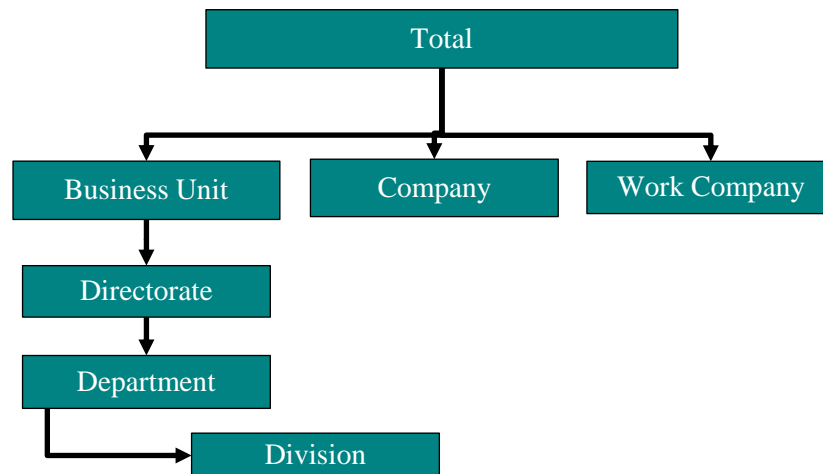
Logical Dimension	Source	Enabled	Logical Level
Dim_W_EMPLOYEE_D_Leave_Requestor	Dim_WC_BUSINESS_UNIT_D	Yes	MBC Business Unit
	Dim_WC_DIRECTORATE_D	Yes	MBC Directorate
	Dim_WC_DEPARTMENT_D	Yes	MBC Department
	Dim_WC_DIVISION_D	Yes	MBC Division
	Dim_WC_COMPANY_D	Yes	MBC Company

6.2.1.16 MBC Leave Exception Scenario
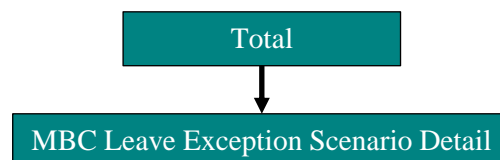
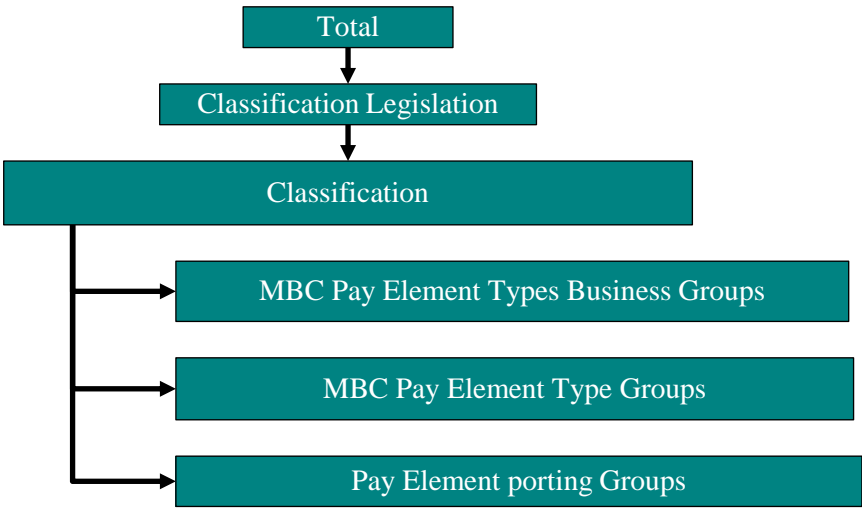| Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Leave Exception Scenario	Dim_WC_LEAVE_EXCEPT_SCENARIO_D	Yes	MBC Leave Exception Scenario Detail

6.2.1.17 MBC Leave Request Details
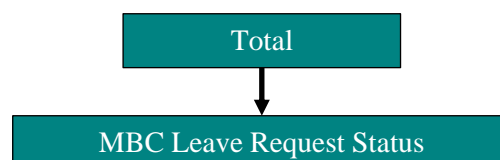
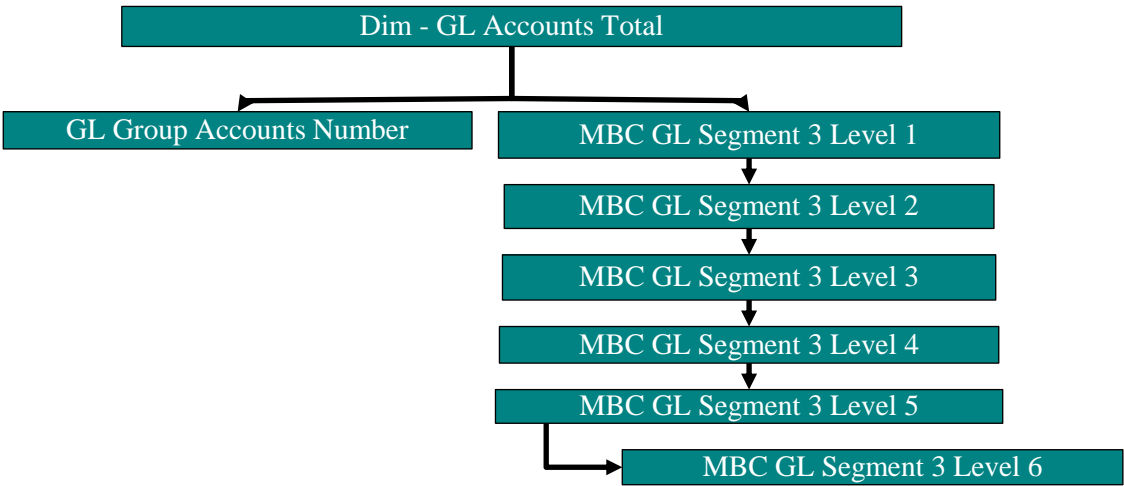| Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Leave Request Details	Fact_WC_EMP_LEAVE_REQUEST_F	Yes	MBC Leave Request Status

6.2.1.18 MBC Reduced Working Hours Details

```
        ┌──────────────┐
        │    Total     │
        └──────┬───────┘
               ▼
   ┌───────────────────────────┐
   │  MBC Leave Request Status │
   └───────────────────────────┘
```
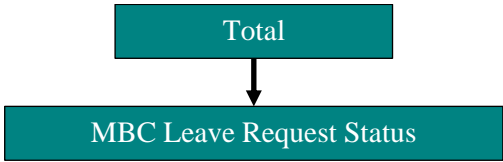
Logical Dimension	Source	Enabled	Logical Level
Dim – MBC Reduced Working Hours	Fact_WC_REDUCED_WORK_HOURS_F	Yes	MBC Reduced Working Hours Detail

6.2.1.19 MBC Pay Element Types

```
        ┌──────────────┐
        │    Total     │
        └──────┬───────┘
               ▼
   ┌───────────────────────────┐
   │ Classification Legislation│
   └──────┬────────────────────┘
          ▼
   ┌───────────────────────────┐
   │      Classification       │
   └──┬────────────────────────┘
      │  ┌──────────────────────────────────────┐
      ├─▶│ MBC Pay Element Types Business Groups │
      │  └──────────────────────────────────────┘
      │  ┌──────────────────────────────────────┐
      ├─▶│   MBC Pay Element Type Groups         │
      │  └──────────────────────────────────────┘
      │  ┌──────────────────────────────────────┐
      └─▶│    Pay Element porting Groups         │
         └──────────────────────────────────────┘
```

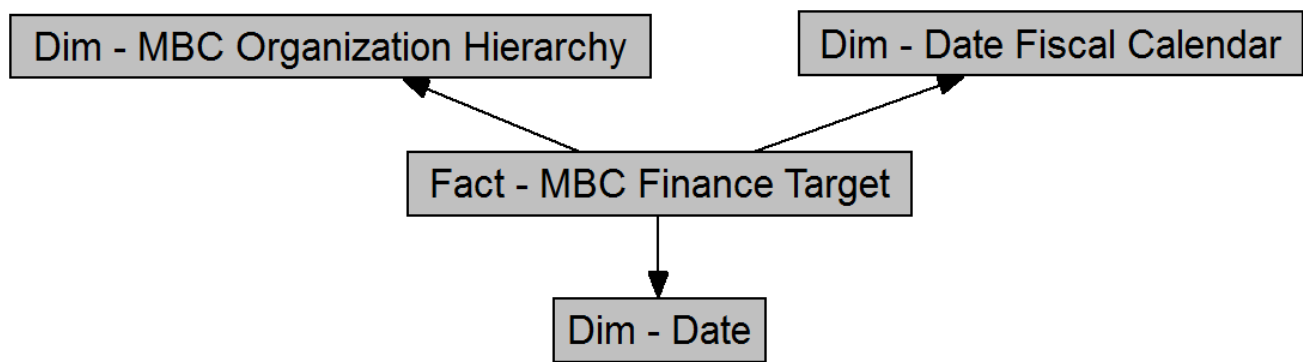| Logical Dimension	Source	Enabled	Logical Level
	Dim_WC_PAY_ELEMENT_TYPES_D	Yes	Classification Legislation
	Dim_WC_PAY_ELEMENT_TYPES_D	Yes	Classification
MBC Pay Element Type	Dim_WC_PAY_ELEMENT_TYPES_D	Yes	MBC Pay Element Type Business Group
	Dim_WC_PAY_ELEMENT_TYPES_D	Yes	MBC Pay Element Types Group
	Dim_WC_PAY_ELEMENT_TYPES_D	Yes	Pay Element Reporting Group

6.2.1.20 GL Accounts

Logical Dimension	Source	Enabled	Logical Level
	Dim_W_GL_GROUP_ACCOUNT_D	Yes	GL Group Accounts Number
		Yes	MBC GL Segment 3 Level 1
		Yes	MBC GL Segment 3 Level 2
Dim – GL Accounts	Dim_W_GL_ACCOUNT_D	Yes	MBC GL Segment 3 Level 3
		Yes	MBC GL Segment 3 Level 4
		Yes	MBC GL Segment 3 Level 5
		Yes	MBC GL Segment 3 Level 6

6.2.2 Logical Model

In this section the different facts of the logical model and their relationships with the dimensions are presented. In addition, we describe the sources and the corresponding levels in the hierarchies introduced in the previous section.

6.2.2.1   Fact – MBC Finance Target

Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_FINANCE_TARGET_F	Fact_WC_FINANCE_TARGET_F	Date Fiscal Calendar	Fiscal Period
		Date	Month
		MBC Organization Hierarchy	MBC Directorate

6.2.2.2   Fact – MBC Offering Competencies
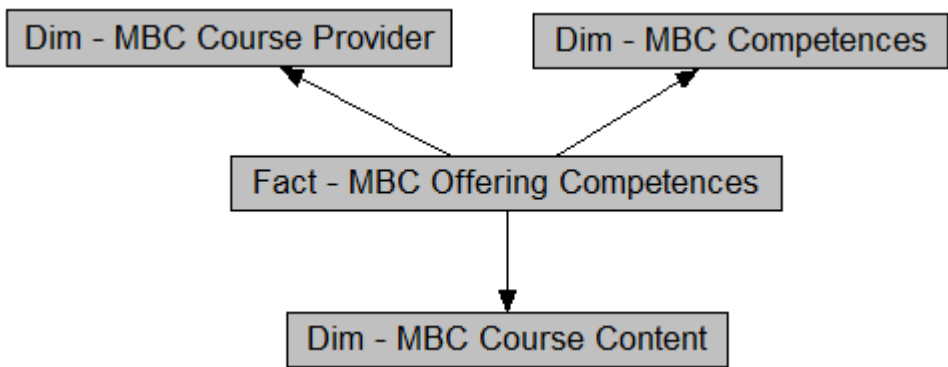
Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_OFFERING_COMPETENCES_F	WC_OFFERING_COMPETENCES_F	MBC Course Provider	
		MBC Competences	
		MBC Course Content	

6.2.2.3   Fact – MBC Class Attendance
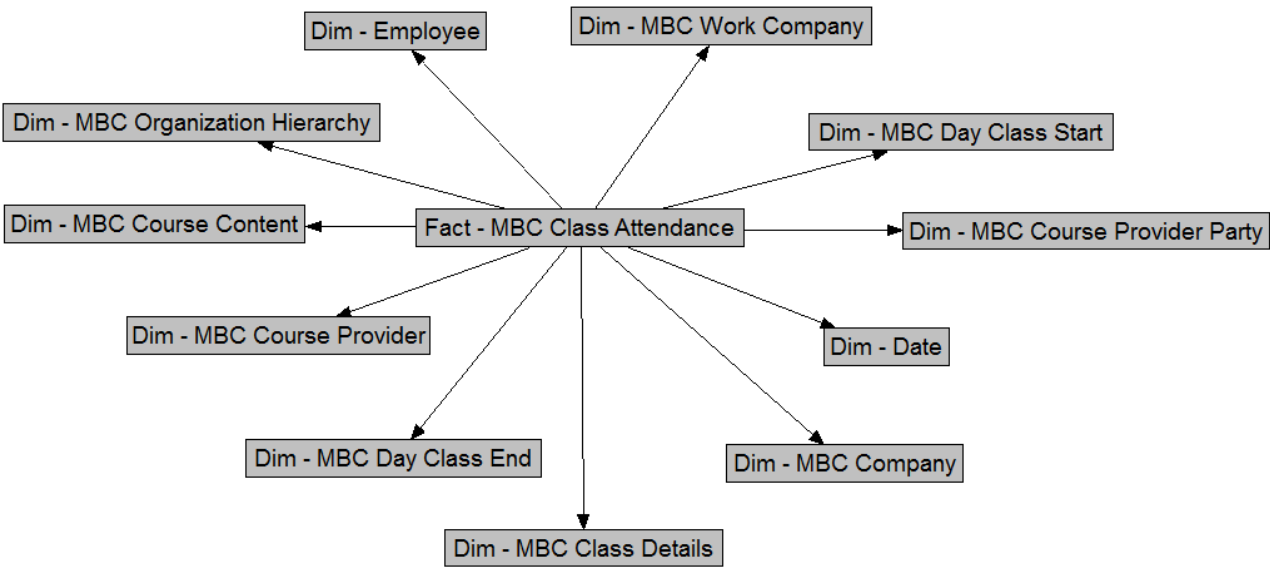
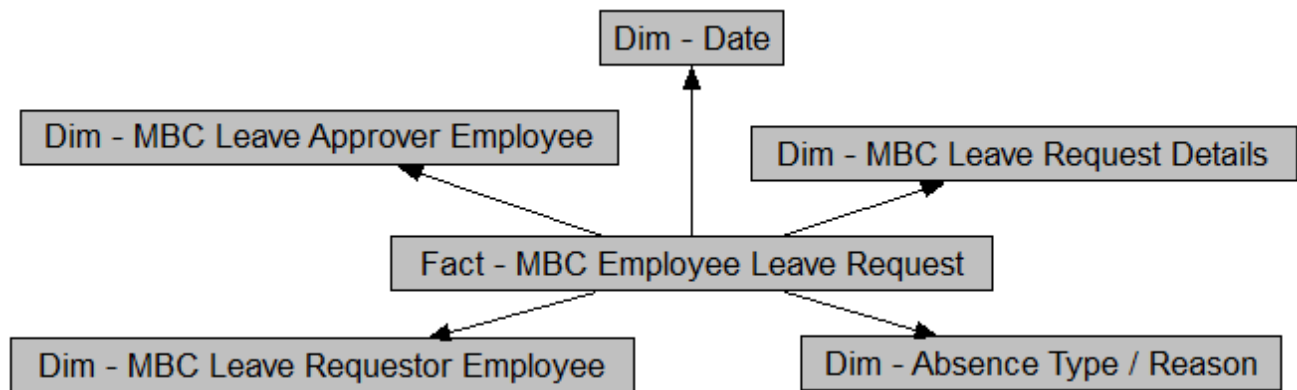| Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_CLASS_ATTENDANCE_F	WC_CLASS_ATTENDANCE_F	Date	Day Detail
		MBC Class Details	MBC Class Detail
		MBC Course Content	MBC Course Content Detail
		MBC Course Provider	MBC Course Provider Detail
		MBC Course Provider Party	MBC Course Provider Party Detail
		MBC Day Class End	MBC Day Class End Detail
		MBC Day Class Start	MBC Day Class Start Detail
		MBC Organization Hierarchy	MBC Employee Detail
		MBC Company Hierarchy	MBC Employee Detail
		MBC Work Company Hierarchy	MBC Employee Detail

6.2.2.4   Fact – MBC Class Requisition

Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_RQSTN_LINE_COST_F	W_RQSTN_LINE_COST_F	MBC Class Details	MBC Class Detail
		MBC Course Content	MBC Course Content Detail
		MBC Course Provider	MBC Course Provider Detail
		MBC Course Provider Party	MBC Course Provider Party Detail
		MBC Day Class End	MBC Day Class End Detail
		MBC Day Class Start	MBC Day Class Start Detail
		MBC Organization Hierarchy	MBC Employee Detail
		MBC Company Hierarchy	MBC Employee Detail

6.2.2.5   Fact – MBC Employee Daily Attendance
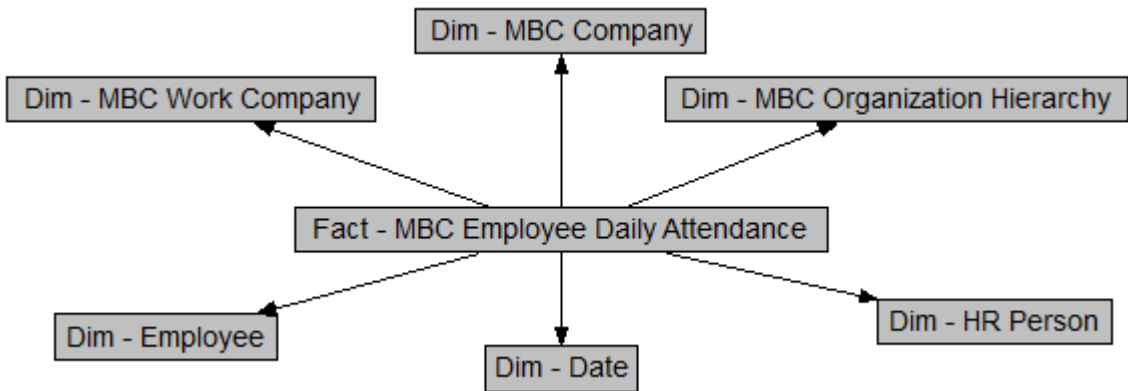
Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_EMP_DAILY_ATTENDANCE_F	WC_EMP_DAILY_ATTENDANCE_F		

6.2.2.6   Fact – MBC Employee Leave Request

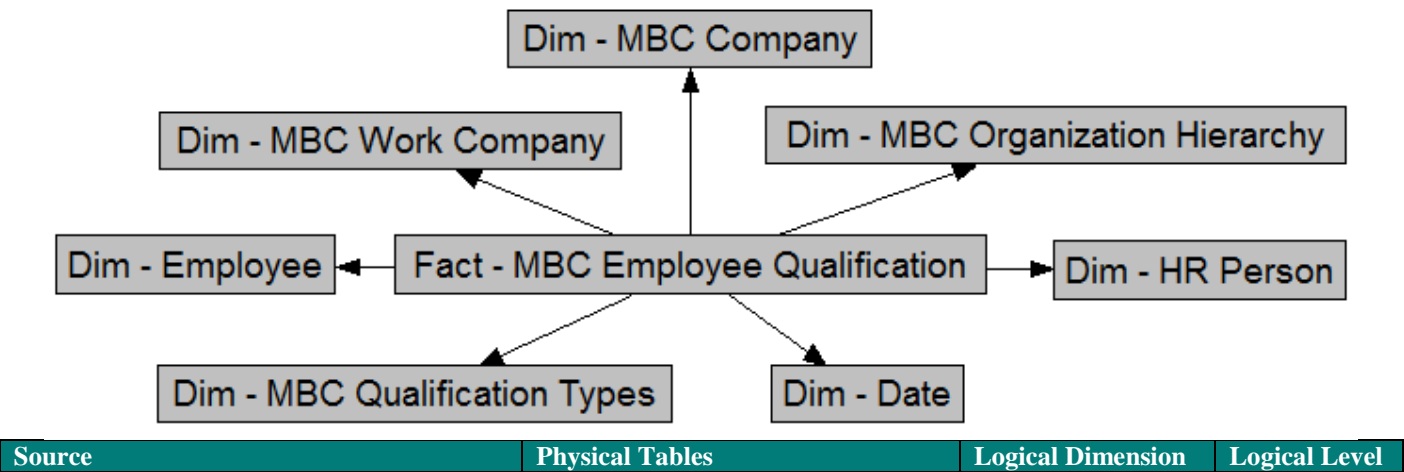| Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_EMP_LEAVE_REQUEST_F	WC_EMP_LEAVE_REQUEST_F	Absence Type / Reason	Absence Detail
		Date	Day Detail
		MBC Leave Approver Employee	MBC Leave Approver Employee Detail
		MBC Leave Requestor Employee	MBC Leave Requestor Employee Detail
		MBC Leave Request Details	MBC Leave Request Details Detail

6.2.2.7   Fact – MBC Leave Exception
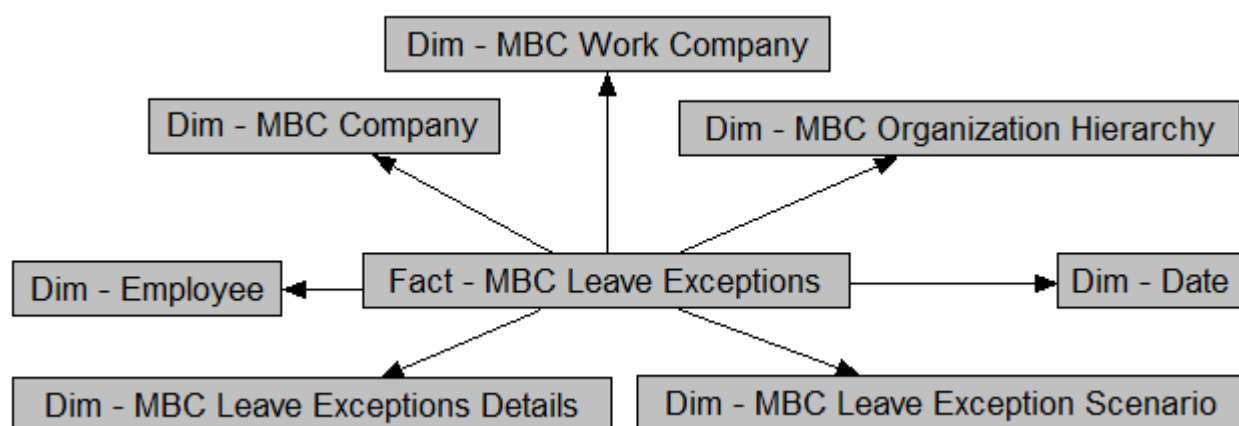
Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_LEAVE_EXCEPTIONS_F	WC_LEAVE_EXCEPTIONS_F		

CLEARPEAKS

6.2.2.8 Fact – MBC Reduced Working Hours

Source	Physical Tables	Logical Dimension	Logical Level
		Date	Day Detail
		Employee	Employee Detail
		MBC Work Company Hierarchy	MBC Employee Detail
Fact_WC_REDUCED_WORK_HOURS_F	WC_REDUCED_WORK_HOURS_F	MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail
		MBC Reduced Working Hours Details	MBC Reduced Working Hours Detail
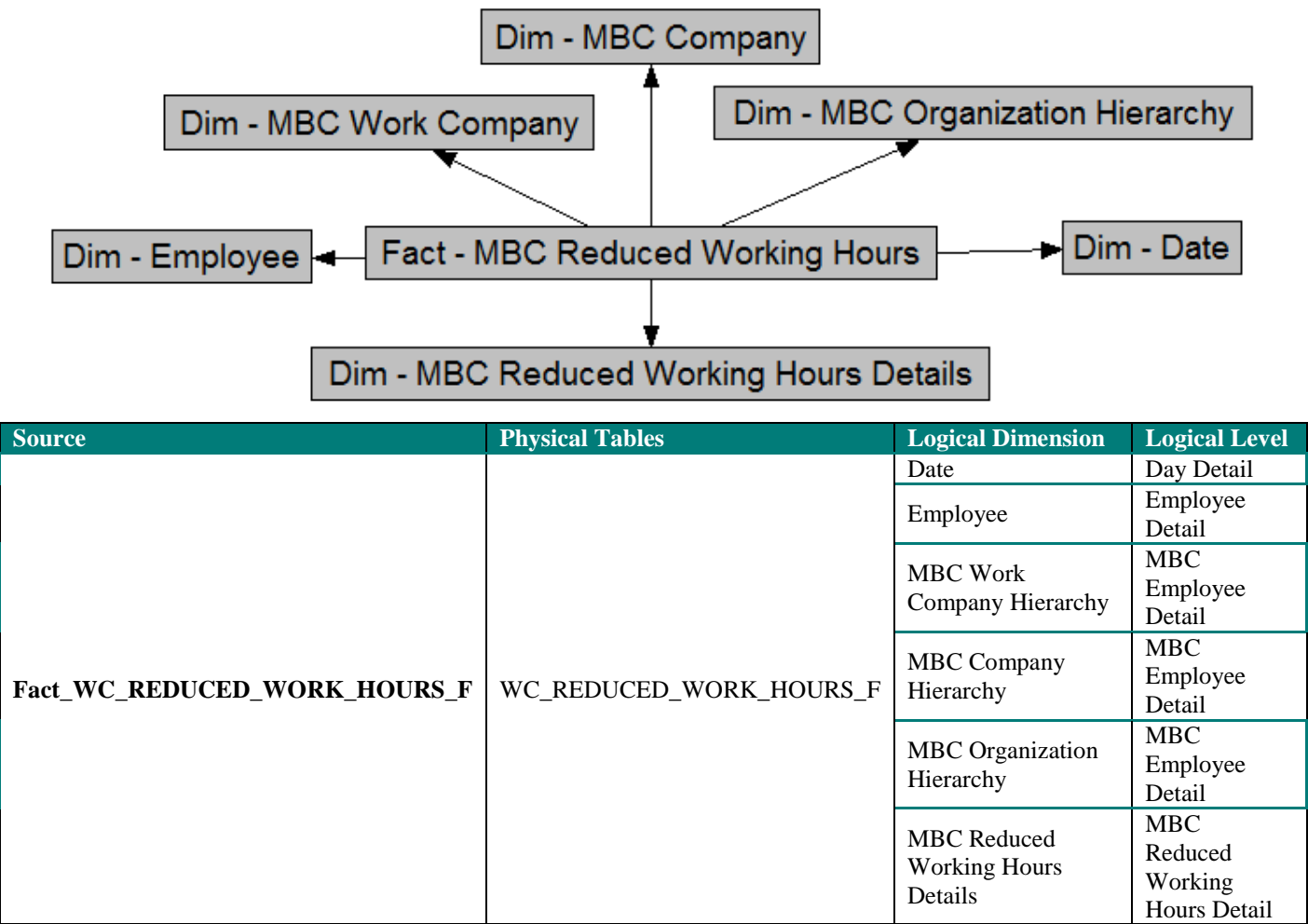
6.2.2.9 Fact – MBC Employee Qualification

Source	Physical Tables	Logical Dimension	Logical Level

Fact_WC_EMP_QUALFCTN_F	WC_EMP_QUALFCTN_F		

6.2.2.10 Fact – MBC Employee Transfer
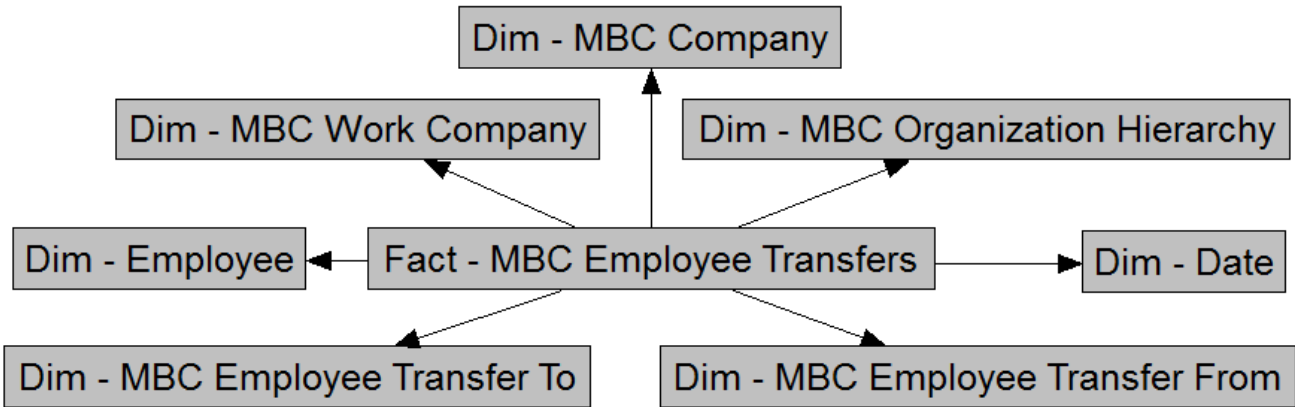
Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_EMPLOYEE_TRANSFERS_F	WC_EMPLOYEE_TRANSFERS_F	Date	Day Detail
		Employee	Employee Demographics
		MBC Work Company Hierarchy	MBC Employee Detail
		MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail
		MBC Employee Transfer From	MBC Employee Detail
		MBC Employee Transfer To	MBC Employee Detail

6.2.2.11 Fact – MBC Payroll
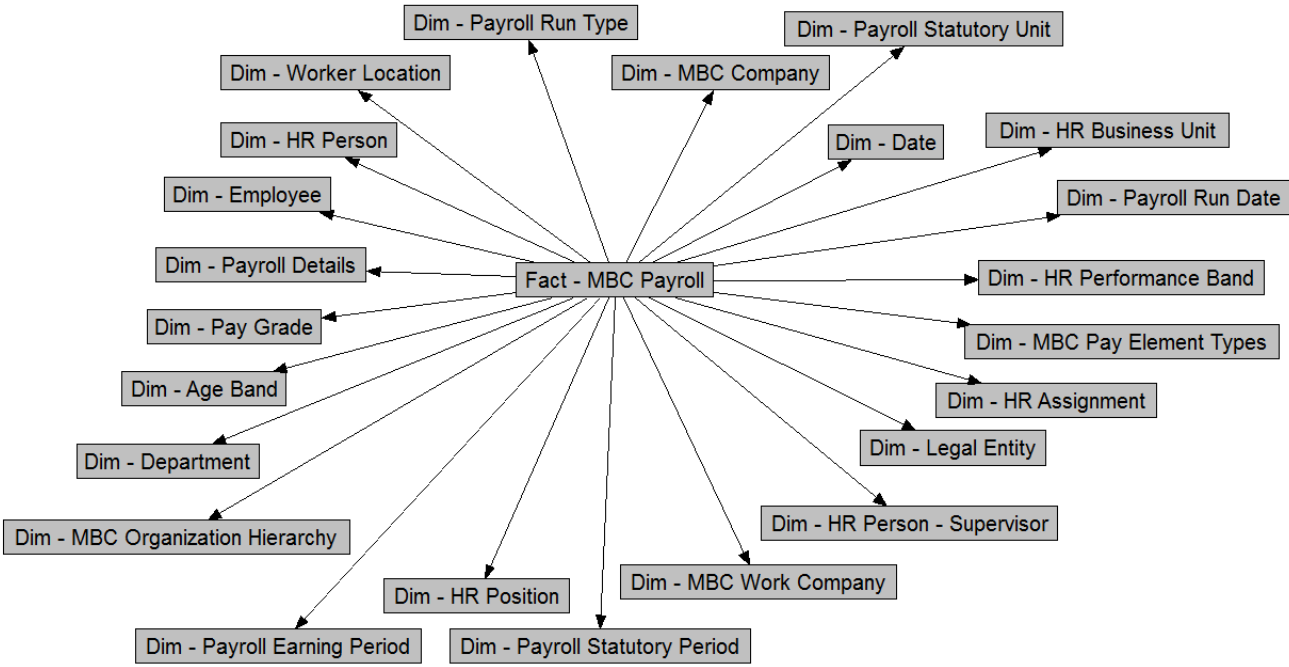
Source	Physical Tables	Logical Dimension	Logical Level
		Date	Day Detail
		Employee	Employee Detail
		MBC Work Company Hierarchy	MBC Employee Detail
Fact_WC_PAYROLL_RUN_DTL_F	WC_PAYROLL_RUN_DTL_F	MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail
		MBC Pay Element Types	MBC Pay Element Types Detail
		MBC Employee Transfer To	MBC Employee Detail

### 6.2.2.12 Fact – HR – Workforce – Balance Information
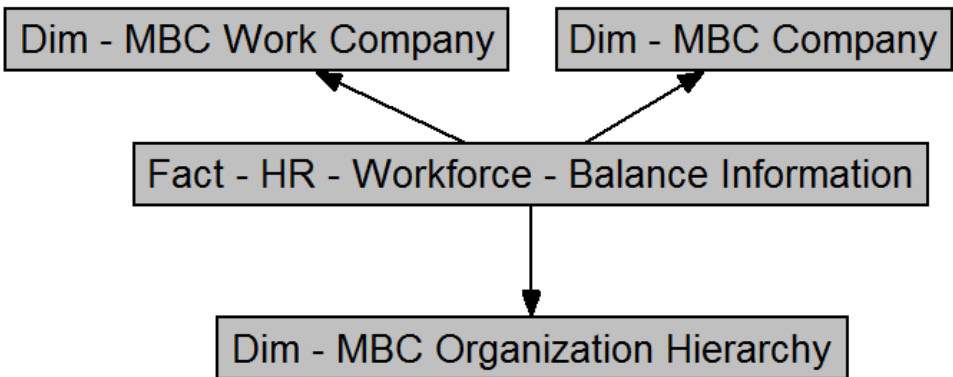
CLEARPEAKS

Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_WRKFC_EVT_MONTH_F	W_WRKFC_EVT_MONTH_F	MBC Work Company Hierarchy	MBC Employee Detail
		MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail

*6.2.2.13 Fact – HR – Workforce – Event Information*
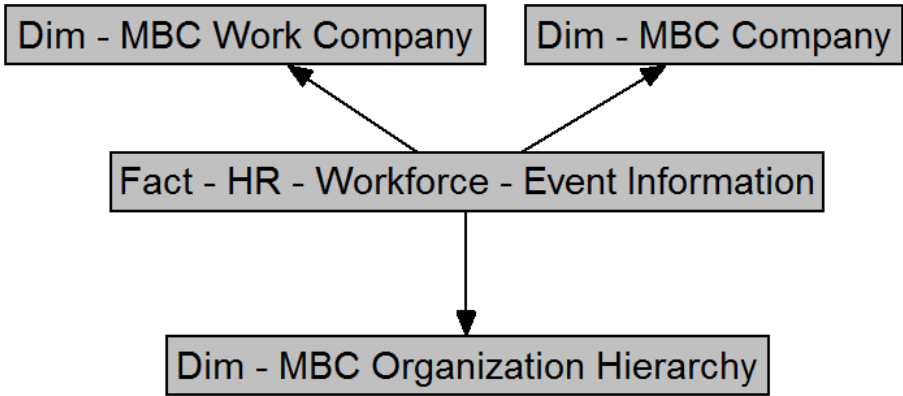
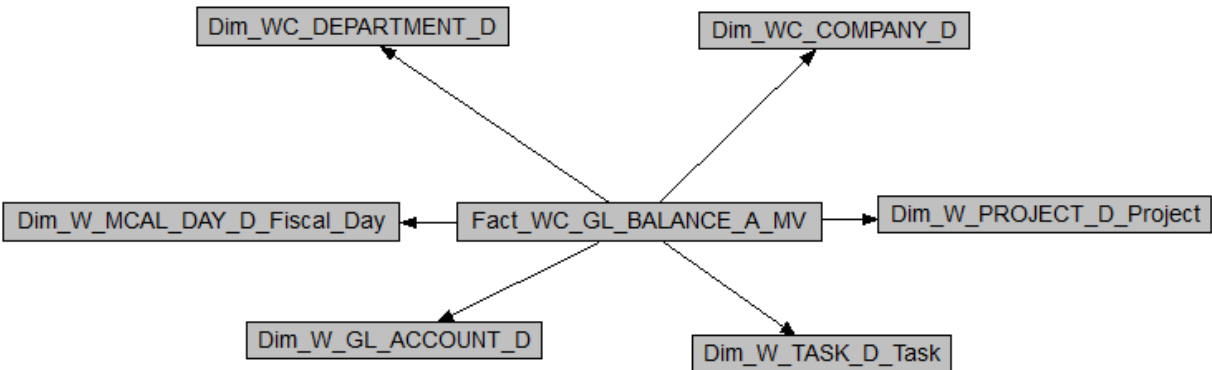| Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_WRKFC_EVT_MONTH_F	W_WRKFC_EVT_MONTH_F	MBC Work Company Hierarchy	MBC Employee Detail
		MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail

6.2.2.14 Fact – HR – Accrual Transaction – Event Information

Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_ACCRUAL_XACT_F_Events_Month	W_ACCRUAL_XACT_F	MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail
		MBC Work Company Hierarchy	MBC Employee Detail
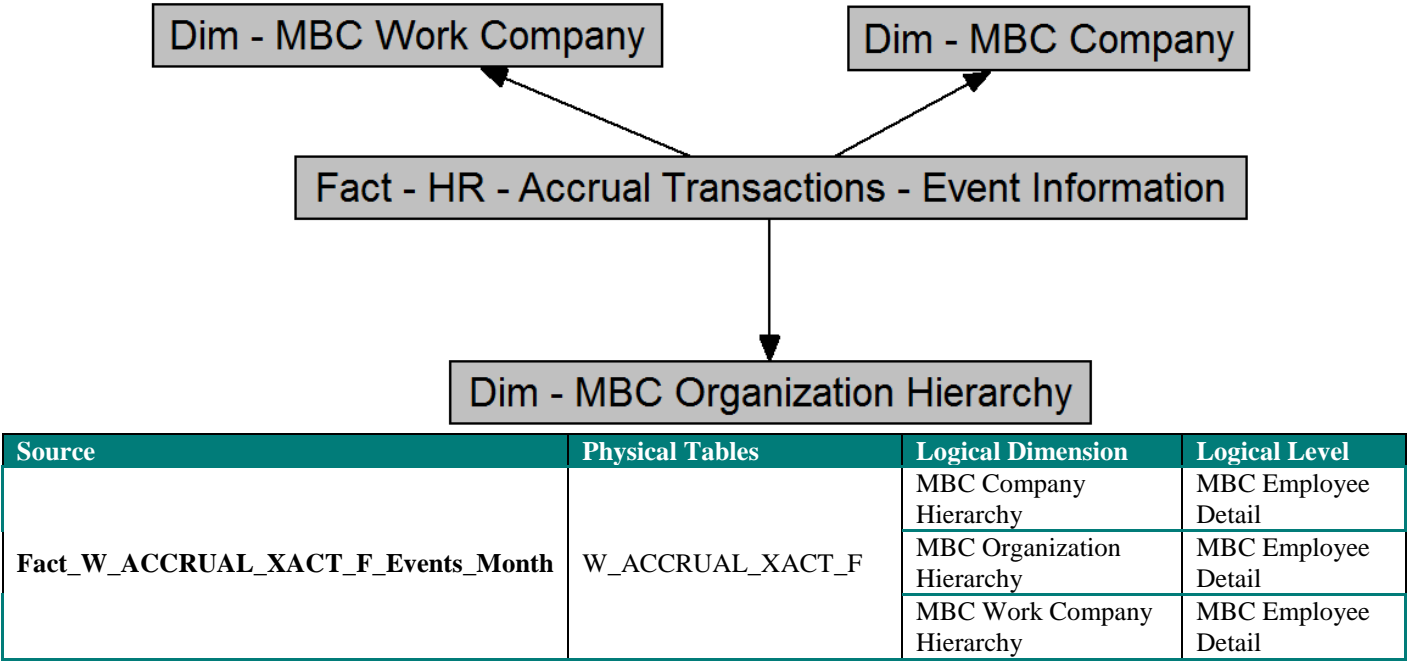
6.2.2.15 Fact – HR – Absence Event

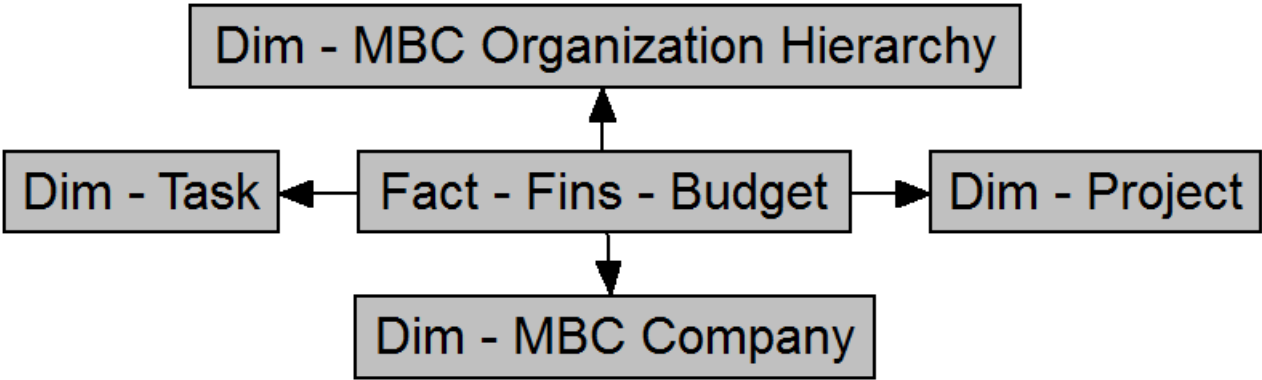| Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_ABSENCE_EVENT_F_Month	W_ABSENCE_EVENT_F	MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail
		MBC Work Company Hierarchy	MBC Employee Detail
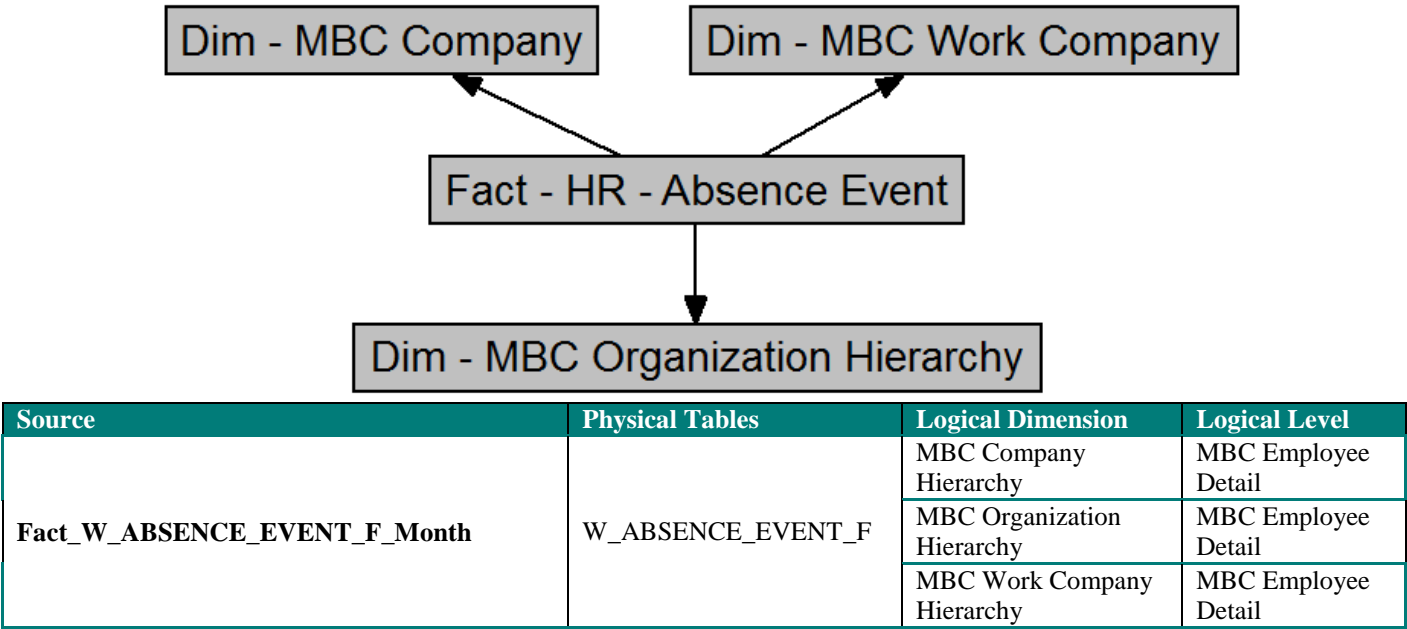
6.2.2.16 Fact – Fin - GL Balance – Custom Aggregated Materialized View

Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_GL_BALANCE_A_MV	WC_GL_BALANCE_A_MV	Project	Project Detail
		Task	Task Detail
		GL Accounts	Dim – GL Accounts Detail
		MBC Company Hierarchy	MBC Employee Detail
		MBC Organization Hierarchy	MBC Employee Detail
		Date – Fiscal Calendar	Fiscal Day Detail
		Date	Month

6.2.2.17 Fact – Fin – GL Budget

Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_ACCT_BUDGET_F	W_ACCT_BUDGET_F	Project	Project Detail
		Task	Task Detail
		MBC Company Hierarchy	MBC Company
		MBC Organization Hierarchy	MBC Department

6.2.2.18 Fact – Purchase Requisition

Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_RQSTN_LINE_COST_F	W_RQSTN_LINE_COST_F	MBC Organization Hierarchy	MBC Department
		MBC Company	MBC Company
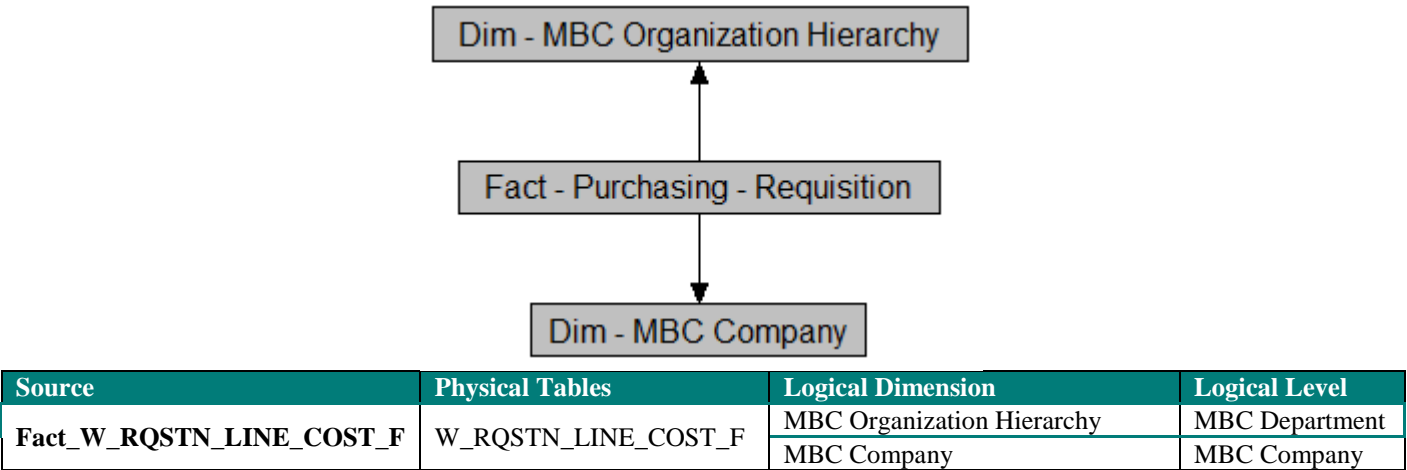
6.2.2.19 Fact – Purchase Order

Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_PURCH_COST_F_Filtered	W_PURCH_COST_F	MBC Organization Hierarchy	MBC Department
		MBC Company	MBC Company
		MBC Task	Detail
		MBC Project	Detail
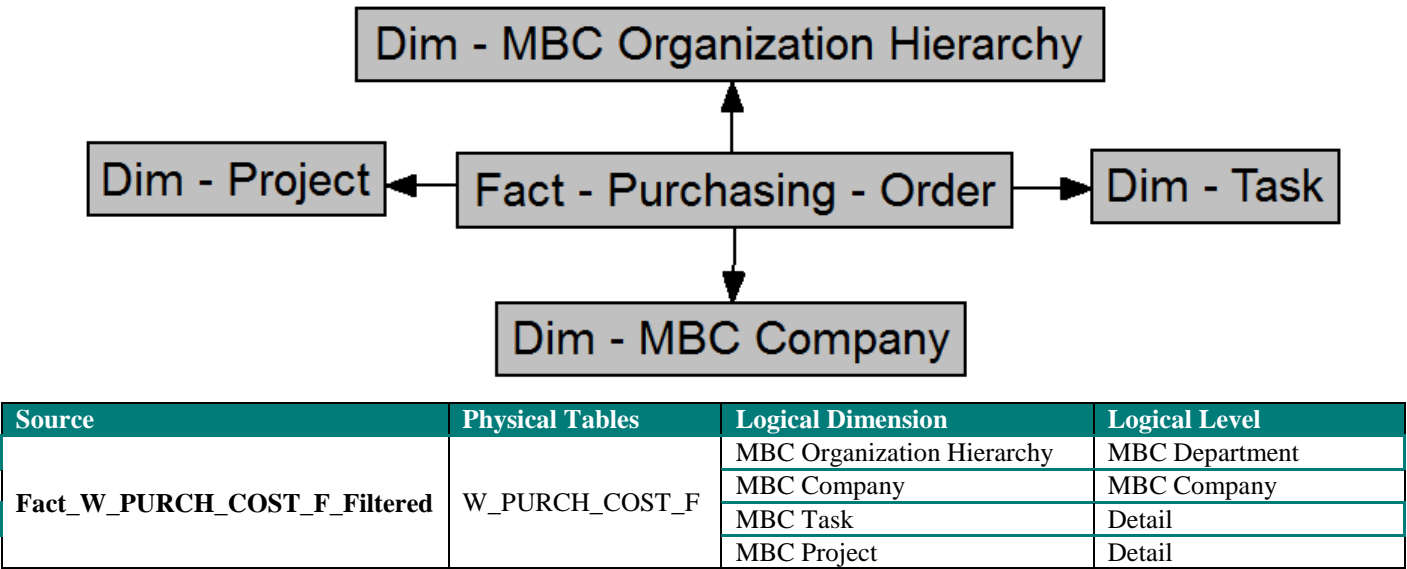
6.2.2.20 Fact – Purchase Cycle Line
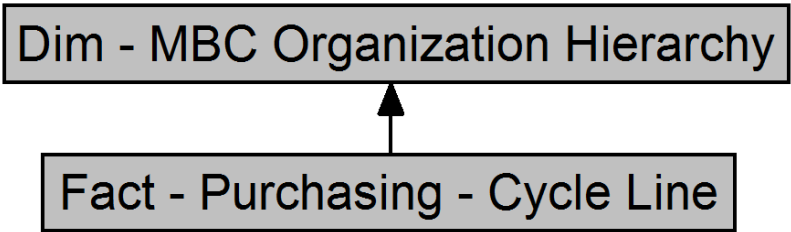
Source	Physical Tables	Logical Dimension	Logical Level
Fact_WC_PURCH_CYCLE_LINE_DEPT_F	WC_PURCH_CYCLE_LINE_DEPT_F	MBC Organization Hierarchy	MBC Department

6.2.2.21 Fact – Spend and AP Invoice Distribution
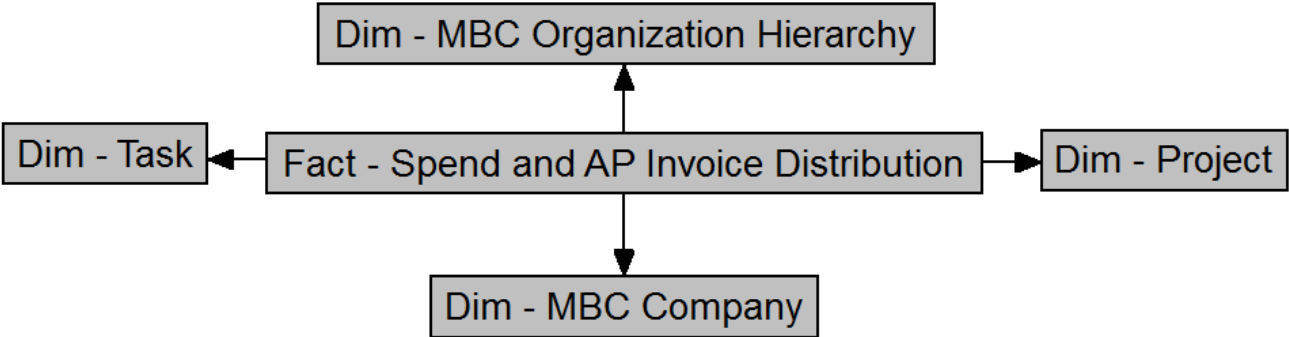
Source	Physical Tables	Logical Dimension	Logical Level
Fact_W_AP_INV_DIST_F	W_AP_INV_DIST_F	MBC Organization Hierarchy	MBC Department
		MBC Company	MBC Company
		MBC Task	Detail
		MBC Project	Detail

6.3 Presentation Layer

In MBC HR BI Project following are the main subject areas are used; in the following two dashboards.

1. MBC HR Dashboard
2. MBC HR Management Dashboard

Subject Area Name
Financials – MBC Finance
Human Resources – Absence and Leave Accruals
Human Resources – Recruitment
Human Resources – Workforce Deployment
MBC – Human Resources – Payroll
MBC – Human Resources – Learning
MBC – Time and Attendance